

1

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A

HMI_1 [KTP600 Basic mono PN]

HMI_1	
General	
Name	HMI_1

B

C

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F

Owner	Project name Abastecimento de água V11 - 1212C - Final	Date 6/21/2012
Operator	Project Path D:\Documents and Settings\Tiago\Desktop\Dissertação Mestrado V11\Abastecimento de água V11 - 1212C - Final	
	Location	
Designed By	Description 1st	
Checked By	Description 2nd	Language en-US
Approved By	1st View	Version
		Sheet 1 - 1

HMI_1 [KTP600 Basic mono PN]

Runtime settings

General

Start screen	Home	Default template	
Screen resolution	320, 240	Project ID	0

Screens

Bit selection for text and graphic lists	Off	User-defined pictogram size	Unchecked
X,Y:	53, 38		

Keyboard

Use screen keyboard	Checked	Release button on exit	Unchecked
Disable dialog window function keys	Unchecked		

Alarms

Controller alarms

Buffer overflow	10 %	Acknowledgment group text	QGR
Use alarm class color	Unchecked	System event duration	2 Seconds
HmiConnection	HMI_connection_1		

User administration

Enable limit for logon attempts	Checked	Invalid logon attempts	3
Logon with password	Unchecked	Group-specific rights	Unchecked
Password aging	Unchecked	Validity period	90
Warning period	7	Password generations	3
At least one special character	Unchecked	At least one number	Unchecked
Minimum password length	3		

Language & font

Preset runtime language: English (USA)

English (USA)

Runtime language Checked Fixed font 0 Tahoma

Owner	Project name	Abastecimento de água V11 - 1212C - Final	Date	6/21/2012
Operator	Project Path	D:\Documents and Settings\Tiago\Desktop\Dissertação Mestrado V11\Abastecimento de água V11 - 1212C - Final		
	Location			
Designed By	Description 1st			
Checked By	Description 2nd	Language	en-US	
Approved By	1st View	Version	Sheet 2 - 1	

1

2

3

4

A

Default font

Tahoma, 11 Pixel

Configured font 0

B

C

D

E

F

Owner

Project name Abastecimento de água V11 - 1212C - Final

Date 6/21/2012

Operator

Project Path
D:\Documents and Settings\Tiago\Desktop\Dissertação Mestrado
V11\Abastecimento de água V11 - 1212C - Final

Location

Designed By

Description 1st

Checked By

Description 2nd

Language en-US

Approved By

1st View

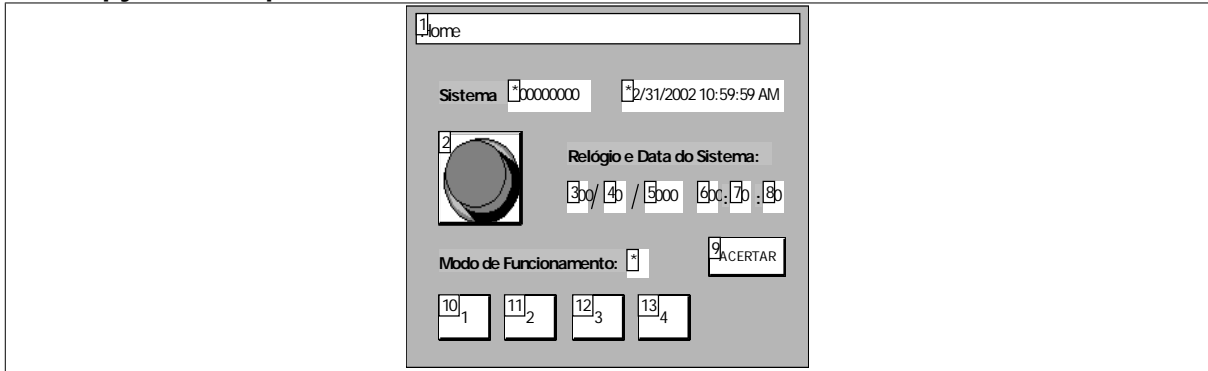
Version

Sheet 2 - 2

HMI_1 [KTP600 Basic mono PN] / Screens

Arranque e Funcionamento

Hardcopy of Arranque e Funcionamento



General			
Name	Arranque e Funcionamento	Background color	192, 192, 192
Grid color	0, 0, 0	Number	11
Template		Tooltip	
Layers			
Active layer	0		

Specifies the layer.	Visible during configuration
Layer_0	Checked
Layer_1	Checked
Layer_2	Checked
Layer_3	Checked
Layer_4	Checked
Layer_5	Checked
Layer_6	Checked
Layer_7	Checked
Layer_8	Checked
Layer_9	Checked
Layer_10	Checked
Layer_11	Checked
Layer_12	Checked
Layer_13	Checked
Layer_14	Checked
Layer_15	Checked
Layer_16	Checked
Layer_17	Checked
Layer_18	Checked
Layer_19	Checked
Layer_20	Checked
Layer_21	Checked
Layer_22	Checked
Layer_23	Checked
Layer_24	Checked

Owner	Project name	Abastecimento de água V11 - 1212C - Final	Date	6/21/2012
	Operator	Project Path	D:\Documents and Settings\Tiago\Desktop\Dissertação Mestrado V11\Abastecimento de água V11 - 1212C - Final	
Designed By		Location		
	Description 1st			
Checked By	Description 2nd	Language	en-US	
	Approved By	1st View	Version	Sheet 3 - 1

A

Specifies the layer.	Visible during configuration
Layer_25	Checked
Layer_26	Checked
Layer_27	Checked
Layer_28	Checked
Layer_29	Checked
Layer_30	Checked
Layer_31	Checked

B

Symbolic_IO_Field_Screen

Type	Symbolic I/O field		
General			
Bit number	0	Field length	20
Mode	Input/output	Value status ON	1
Process value	0	Text list	TextList_ScreenNames
Text OFF	0	Text ON	1
Appearance			
Background color	255, 255, 255	Background fill pattern	Solid
Border color	0, 0, 0	Border width	1
Line style	Solid	Foreground color	0, 0, 0
Layout			
Bottom margin	2	Fit to size	Unchecked
Height	20	X position	8
Left margin	2	Right margin	2
Y position	5	Top margin	2
Width	304		

C

Text			
Font	Tahoma, 12px	Horizontal alignment	Left
Vertical alignment	Top		

D

Limits			
Color for High limit violated	128, 128, 128	Color for Low limit violated	192, 192, 192
Miscellaneous			
Tooltip		Layer	0 - Layer_0
Name	Symbolic_IO_Field_Screen		
Security			
Authorization		Allow operator control	Checked
Dynamizations\Tag connection			
Property name	Process value	Tag	Tag_ScreenNumber

E

Switch_4			
Type	Switch		
General			
Label text	Switch	Mode	Switch with graphic
Value status ON	1	Process value	
Text OFF	0	Text ON	1
Appearance			
Background color	255, 255, 255	Foreground color	0, 0, 0

F

Owner	Project name	Abastecimento de água V11 - 1212C - Final	Date	6/21/2012
Operator	Project Path	D:\Documents and Settings\Tiago\Desktop\Dissertação Mestrado V11\Abastecimento de água V11 - 1212C - Final		
Designed By	Description 1st			
Checked By	Description 2nd	Language	en-US	
Approved By	1st View	Version	Sheet 3 - 2	

A

Design			
3D border style	Checked	Focus color	0, 0, 0
Layout			
Fit to size	Unchecked	Height	62
X position	26	Y position	83
Width	66		

B

Text			
Font	Tahoma, 11px	Horizontal alignment	Centered
Vertical alignment	Middle		
Limits			
Color for High limit violated	128, 128, 128	Color for Low limit violated	192, 192, 192
Miscellaneous			
Tooltip		Layer	0 - Layer_0
Name	Switch_4		
Security			
Authorization	Operate	Allow operator control	Checked
Dynamizations\Tag connection			
Property name	Process value	Tag	Backup Dados_sistema.on.off

C

Text field_1

Type	Text field		
General			
Text	Sistema		
Appearance			
Background color	192, 192, 192	Background fill pattern	Solid
Border color	0, 0, 0	3D border style	Unchecked
Border width	1	Line style	None
Foreground color	0, 0, 0		
Layout			
Bottom margin	0	Fit to size	Unchecked
Height	15	X position	26
Left margin	0	Right margin	2
Y position	50	Top margin	2
Width	57		
Text			
Font	Tahoma, 11px, style=Bold	Horizontal alignment	Left
Line break	Unchecked	Vertical alignment	Top
Flashing			
Flashing	None		
Miscellaneous			
Layer	0 - Layer_0	Name	Text field_1

D

E

I/O field_1

Type	I/O field		
General			
Display format	String	Field length	9

F

Owner	Project name Abastecimento de água V11 - 1212C - Final	Date 6/21/2012
Operator	Project Path D:\Documents and Settings\Tiago\Desktop\Dissertação Mestrado V11\Abastecimento de água V11 - 1212C - Final	
	Location	
Designed By	Description 1st	
Checked By	Description 2nd	Language en-US
Approved By	1st View	Version
		Sheet 3 - 3

A

Format pattern	?????????	Mode	Output
Process value		Shift decimal point	0
Show leading zeros	Unchecked		

B

Appearance			
Background color	255, 255, 255	Background fill pattern	Solid
Border color	0, 0, 0	3D border style	Unchecked
Line style	None	Foreground color	0, 0, 0
Unit			

C

Characteristics			
Hidden input	Unchecked		
Layout			
Bottom margin	2	Fit to size	Unchecked
Height	21	X position	81
Left margin	2	Right margin	2
Y position	49	Top margin	2
Width	65		

Text			
Font	Tahoma, 11px	Horizontal alignment	Left
Line break	Unchecked	Vertical alignment	Top

Limits			
Color for High limit violated	128, 128, 128	Color for Low limit violated	192, 192, 192

Miscellaneous			
Tooltip		Layer	0 - Layer_0

Name	I/O field_1		
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Security			
Authorization		Allow operator control	Checked

Dynamizations\Tag connection			
Property name	Process value	Tag	Info Sistema_Info Sistema

D

Text field_2			
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Type	Text field		
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General			
Text	Relógio e Data do Sistema:		

Appearance			
Background color	192, 192, 192	Background fill pattern	Solid
Border color	0, 0, 0	3D border style	Unchecked
Border width	1	Line style	None
Foreground color	0, 0, 0		

E

Layout			
Bottom margin	0	Fit to size	Unchecked
Height	15	X position	128
Left margin	0	Right margin	2
Y position	90	Top margin	2
Width	162		

F

Owner	Project name	Abastecimento de água V11 - 1212C - Final	Date	6/21/2012
Operator	Project Path	D:\Documents and Settings\Tiago\Desktop\Dissertação Mestrado V11\Abastecimento de água V11 - 1212C - Final		
Designed By	Description 1st			
Checked By	Description 2nd	Language	en-US	
Approved By	1st View	Version	Sheet 3 - 4	

1

2

3

4

A

Text			
Font	Tahoma, 11px, style=Bold	Horizontal alignment	Left
Line break	Unchecked	Vertical alignment	Top
Flashing			
Flashing	None		
Miscellaneous			
Layer	0 - Layer_0	Name	Text field_2

I/O field_2

B

Type	I/O field		
General			
Display format	Decimal	Field length	3
Format pattern	999	Mode	Input
Process value		Shift decimal point	0
Show leading zeros	Unchecked		

Appearance

Background color	255, 255, 255	Background fill pattern	Solid
Border color	0, 0, 0	3D border style	Unchecked
Line style	None	Foreground color	0, 0, 0
Unit			

C

Characteristics

Hidden input	Unchecked		
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Layout

Bottom margin	2	Fit to size	Unchecked
Height	21	X position	128
Left margin	2	Right margin	2
Y position	116	Top margin	2
Width	16		

D

Text			
Font	Tahoma, 11px	Horizontal alignment	Left
Line break	Unchecked	Vertical alignment	Top
Limits			
Color for High limit violated	128, 128, 128	Color for Low limit violated	192, 192, 192
Miscellaneous			
Tooltip		Layer	0 - Layer_0
Name	I/O field_2		

Security

Authorization		Allow operator control	Checked
----------------------	--	-------------------------------	---------

Dynamizations\Tag connection

Property name	Process value	Tag	DIAS
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E

Line_1

Type	Line		
Appearance			
Background color	255, 255, 255	Color	0, 0, 0
Line-end style	Default	Fill pattern	Transparent

F

Owner	Project name Abastecimento de água V11 - 1212C - Final	Date 6/21/2012
Operator	Project Path D:\Documents and Settings\Tiago\Desktop\Dissertação Mestrado V11\Abastecimento de água V11 - 1212C - Final	
	Location	
Designed By	Description 1st	
Checked By	Description 2nd	Language en-US
Approved By	1st View	Version Sheet 3 - 5

A

Line-end shape	Round	Line width	1
Line-start style	Default	Line style	Solid
Layout			
Line end X position	146	Line end Y position	135
Height	17	X position	146
Line start X position	152	Line start Y position	118
Y position	118	Width	6
Miscellaneous			
Layer	0 - Layer_0	Name	Line_1

B

I/O field_3			
Type	I/O field		
General			
Display format	Decimal	Field length	2
Format pattern	99	Mode	Input
Process value		Shift decimal point	0
Show leading zeros	Unchecked		
Appearance			
Background color	255, 255, 255	Background fill pattern	Solid
Border color	0, 0, 0	3D border style	Unchecked
Line style	None	Foreground color	0, 0, 0
Unit			

C

Characteristics			
Hidden input	Unchecked		
Layout			
Bottom margin	2	Fit to size	Unchecked
Height	21	X position	157
Left margin	2	Right margin	2
Y position	116	Top margin	2
Width	17		

D

Text			
Font	Tahoma, 11px	Horizontal alignment	Left
Line break	Unchecked	Vertical alignment	Top
Limits			
Color for High limit violated	128, 128, 128	Color for Low limit violated	192, 192, 192
Miscellaneous			
Tooltip		Layer	0 - Layer_0
Name	I/O field_3		
Security			
Authorization		Allow operator control	Checked
Dynamizations\Tag connection			
Property name	Process value	Tag	MESES

E

Line_2			
Type	Line		
Appearance			
Background color	255, 255, 255	Color	0, 0, 0

F

Owner	Project name Abastecimento de água V11 - 1212C - Final	Date 6/21/2012
Operator	Project Path D:\Documents and Settings\Tiago\Desktop\Dissertação Mestrado V11\Abastecimento de água V11 - 1212C - Final	
Designed By	Description 1st	
Checked By	Description 2nd	Language en-US
Approved By	1st View	Version Sheet 3 - 6

1		2		3		4		
A	Line-end style	Default		Fill pattern	Transparent			
	Line-end shape	Round		Line width	1			
	Line-start style	Default		Line style	Solid			
	Layout							
	Line end X position	178		Line end Y position	135			
	Height	17		X position	178			
	Line start X position	184		Line start Y position	118			
	Y position	118		Width	6			
	Miscellaneous							
	Layer	0 - Layer_0		Name	Line_2			

I/O field_4

B	Type	I/O field						
	General							
	Display format	Decimal		Field length	4			
	Format pattern	9999		Mode	Input			
	Process value			Shift decimal point	0			
	Show leading zeros	Unchecked						
	Appearance							
	Background color	255, 255, 255		Background fill pattern	Solid			
	Border color	0, 0, 0		3D border style	Unchecked			
	Line style	None		Foreground color	0, 0, 0			
C	Unit							
	Characteristics							
	Hidden input	Unchecked						
	Layout							
	Bottom margin	2		Fit to size	Unchecked			
	Height	21		X position	189			
	Left margin	2		Right margin	2			
	Y position	116		Top margin	2			
	Width	30						
	Text							
Font	Tahoma, 11px		Horizontal alignment	Left				
Line break	Unchecked		Vertical alignment	Top				
Limits								
Color for High limit violated	128, 128, 128		Color for Low limit violated	192, 192, 192				
Miscellaneous								
Tooltip								
Layer	0 - Layer_0							
Name	I/O field_4							
Security								
Authorization			Allow operator control	Checked				
Dynamizations\Tag connection								
Property name	Process value		Tag	ANO				

I/O field_5

Type	I/O field
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F	Owner	Project name	Abastecimento de água V11 - 1212C - Final		Date	6/21/2012	
	Operator	Project Path	D:\Documents and Settings\Tiago\Desktop\Dissertação Mestrado V11\Abastecimento de água V11 - 1212C - Final				
		Location					
	Designed By	Description 1st					
	Checked By	Description 2nd	Language	en-US			
	Approved By	1st View	Version	Sheet 3 - 7			

A

General			
Display format	Decimal	Field length	3
Format pattern	999	Mode	Input
Process value		Shift decimal point	0
Show leading zeros	Unchecked		

B

Appearance			
Background color	255, 255, 255	Background fill pattern	Solid
Border color	0, 0, 0	3D border style	Unchecked
Line style	None	Foreground color	0, 0, 0
Unit			

C

Characteristics			
Hidden input	Unchecked		
Layout			
Bottom margin	2	Fit to size	Unchecked
Height	21	X position	231
Left margin	2	Right margin	2
Y position	116	Top margin	2
Width	16		

Text			
Font	Tahoma, 11px	Horizontal alignment	Left
Line break	Unchecked	Vertical alignment	Top

Limits			
Color for High limit violated	128, 128, 128	Color for Low limit violated	192, 192, 192

Miscellaneous			
Tooltip		Layer	0 - Layer_0
Name	I/O field_5		

Security			
Authorization		Allow operator control	Checked

Dynamizations\Tag connection			
Property name	Process value	Tag	HORAS

D

I/O field_6

Type	I/O field		
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General			
Display format	Decimal	Field length	2
Format pattern	99	Mode	Input
Process value		Shift decimal point	0
Show leading zeros	Unchecked		

Appearance			
Background color	255, 255, 255	Background fill pattern	Solid
Border color	0, 0, 0	3D border style	Unchecked
Line style	None	Foreground color	0, 0, 0
Unit			

E

Characteristics			
Hidden input	Unchecked		

F

Owner	Project name	Abastecimento de água V11 - 1212C - Final	Date	6/21/2012
Operator	Project Path	D:\Documents and Settings\Tiago\Desktop\Dissertação Mestrado V11\Abastecimento de água V11 - 1212C - Final		
Designed By	Description 1st			
Checked By	Description 2nd	Language	en-US	
Approved By	1st View	Version	Sheet 3 - 8	

1		2		3		4	
A	Layout						
	Bottom margin	2	Fit to size	Unchecked			
	Height	21	X position	257			
	Left margin	2	Right margin	2			
	Y position	116	Top margin	2			
	Width	16					
	Text						
	Font	Tahoma, 11px		Horizontal alignment	Left		
	Line break	Unchecked		Vertical alignment	Top		
	Limits						
Color for High limit violated	128, 128, 128		Color for Low limit violated	192, 192, 192			
Miscellaneous							
Tooltip			Layer	0 - Layer_0			
Name	I/O field_6						
Security							
Authorization			Allow operator control	Checked			
Dynamizations\Tag connection							
Property name	Process value		Tag	MINUTOS			

I/O field_7

Type	I/O field					
General						
Display format	Decimal		Field length	2		
Format pattern	99		Mode	Input		
Process value			Shift decimal point	0		
Show leading zeros	Unchecked					

Appearance						
Background color	255, 255, 255		Background fill pattern	Solid		
Border color	0, 0, 0		3D border style	Unchecked		
Line style	None		Foreground color	0, 0, 0		
Unit						

Characteristics

Hidden input	Unchecked					
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Layout						
Bottom margin	2	Fit to size	Unchecked			
Height	21	X position	283			
Left margin	2	Right margin	2			
Y position	116	Top margin	2			
Width	16					

Text						
Font	Tahoma, 11px		Horizontal alignment	Left		
Line break	Unchecked		Vertical alignment	Top		

Limits						
Color for High limit violated	128, 128, 128		Color for Low limit violated	192, 192, 192		

Owner	Project name		Abastecimento de água V11 - 1212C - Final		Date	6/21/2012		
	Operator	Project Path						D:\Documents and Settings\Tiago\Desktop\Dissertação Mestrado
						V11\Abastecimento de água V11 - 1212C - Final		
						Location		
Designed By	Description 1st							
Checked By	Description 2nd				Language	en-US		
Approved By	1st View			Version	Sheet			3 - 9

1

2

3

4

A

Miscellaneous			
Tooltip		Layer	0 - Layer_0
Name	I/O field_7		
Security			
Authorization		Allow operator control	Checked
Dynamizations\Tag connection			
Property name	Process value	Tag	SEGUNDOS

Text field_3

Type	Text field		
General			
Text	:		
Appearance			
Background color	192, 192, 192	Background fill pattern	Solid
Border color	0, 0, 0	3D border style	Unchecked
Border width	1	Line style	None
Foreground color	0, 0, 0		
Layout			
Bottom margin	0	Fit to size	Checked
Height	15	X position	251
Left margin	0	Right margin	2
Y position	118	Top margin	2
Width	5		
Text			
Font	Tahoma, 11px, style=Bold	Horizontal alignment	Left
Line break	Unchecked	Vertical alignment	Top

B

C

Flashing			
Flashing	None		
Miscellaneous			
Layer	0 - Layer_0	Name	Text field_3

Text field_4

Type	Text field		
General			
Text	:		
Appearance			
Background color	192, 192, 192	Background fill pattern	Solid
Border color	0, 0, 0	3D border style	Unchecked
Border width	1	Line style	None
Foreground color	0, 0, 0		
Layout			
Bottom margin	0	Fit to size	Checked
Height	15	X position	277
Left margin	0	Right margin	2
Y position	118	Top margin	2
Width	5		

D

E

Owner	Project name Abastecimento de água V11 - 1212C - Final	Date 6/21/2012
Operator	Project Path D:\Documents and Settings\Tiago\Desktop\Dissertação Mestrado V11\Abastecimento de água V11 - 1212C - Final	
Designed By	Description 1st	
Checked By	Description 2nd	Language en-US
Approved By	1st View	Version Sheet 3 - 10

F

1

2

3

4

A

Text			
Font	Tahoma, 11px, style=Bold	Horizontal alignment	Left
Line break	Unchecked	Vertical alignment	Top
Flashing			
Flashing	None		
Miscellaneous			
Layer	0 - Layer_0	Name	Text field_4

Text field_5

B

Type	Text field		
General			
Text	Modo de Funcionamento:		
Appearance			
Background color	192, 192, 192	Background fill pattern	Solid
Border color	0, 0, 0	3D border style	Unchecked
Border width	1	Line style	None
Foreground color	0, 0, 0		

C

Layout			
Bottom margin	0	Fit to size	Unchecked
Height	15	X position	26
Left margin	0	Right margin	2
Y position	161	Top margin	2
Width	150		

Text			
Font	Tahoma, 11px, style=Bold	Horizontal alignment	Left
Line break	Unchecked	Vertical alignment	Top
Flashing			
Flashing	None		
Miscellaneous			
Layer	0 - Layer_0	Name	Text field_5

D

I/O field_8

Type	I/O field		
General			
Display format	Decimal	Field length	1
Format pattern	9	Mode	Output
Process value		Shift decimal point	0
Show leading zeros	Unchecked		

E

Appearance			
Background color	255, 255, 255	Background fill pattern	Solid
Border color	0, 0, 0	3D border style	Unchecked
Line style	None	Foreground color	0, 0, 0
Unit			
Characteristics			
Hidden input	Unchecked		
Layout			
Bottom margin	2	Fit to size	Unchecked

F

Owner	Project name	Abastecimento de água V11 - 1212C - Final	Date	6/21/2012
Operator	Project Path	D:\Documents and Settings\Tiago\Desktop\Dissertação Mestrado V11\Abastecimento de água V11 - 1212C - Final		
	Location			
Designed By	Description 1st			
Checked By	Description 2nd	Language	en-US	
Approved By	1st View	Version	Sheet 3 - 11	

Height	19	X position	175
Left margin	2	Right margin	2
Y position	161	Top margin	2
Width	17		
Text			
Font	Tahoma, 11px	Horizontal alignment	Left
Line break	Unchecked	Vertical alignment	Top
Limits			
Color for High limit violated	128, 128, 128	Color for Low limit violated	192, 192, 192
Miscellaneous			
Tooltip		Layer	0 - Layer_0
Name	I/O field_8		
Security			
Authorization		Allow operator control	Checked
Dynamizations\Tag connection			
Property name	Process value	Tag	Backup Dados_opcao.modos.funcao

Switch_1

Type	Switch		
General			
Label text	Switch	Mode	Switch with text
Value status ON	1	Process value	
Text OFF	ACERTAR	Text ON	ACERTAR
Appearance			
Background color	255, 255, 255	Foreground color	0, 0, 0
Design			
3D border style	Checked	Focus color	0, 0, 0
Layout			
Fit to size	Unchecked	Height	26
X position	240	Y position	153
Width	61		
Text			
Font	Tahoma, 9px	Horizontal alignment	Centered
Vertical alignment	Middle		
Limits			
Color for High limit violated	128, 128, 128	Color for Low limit violated	192, 192, 192
Miscellaneous			
Tooltip		Layer	0 - Layer_0
Name	Switch_1		
Security			
Authorization	Operate	Allow operator control	Checked
Dynamizations\Tag connection			
Property name	Process value	Tag	ACERTA.RELOGIO

Owner	Project name	Abastecimento de água V11 - 1212C - Final	Date	6/21/2012
	Operator	Project Path D:\Documents and Settings\Tiago\Desktop\Dissertação Mestrado V11\Abastecimento de água V11 - 1212C - Final		
Designed By	Location			
	Description 1st			
	Checked By	Description 2nd		Language
Approved By	1st View		Version	Sheet 3 - 12

A

Switch_2

Type	Switch		
General			
Label text	Switch	Mode	Switch with text
Value status ON	1	Process value	
Text OFF	1	Text ON	1
Appearance			
Background color	255, 255, 255	Foreground color	0, 0, 0
Design			
3D border style	Checked	Focus color	0, 0, 0
Layout			
Fit to size	Unchecked	Height	30
X position	26	Y position	191
Width	41		
Text			
Font	Tahoma, 11px	Horizontal alignment	Centered
Vertical alignment	Middle		
Limits			
Color for High limit violated	128, 128, 128	Color for Low limit violated	192, 192, 192
Miscellaneous			
Tooltip		Layer	0 - Layer_0
Name	Switch_2		
Security			
Authorization	Operate	Allow operator control	Checked
Dynamizations\Tag connection			
Property name	Process value	Tag	OPÇÃO.MODO.1

B

C

D

E

Switch_3

Type	Switch		
General			
Label text	Switch	Mode	Switch with text
Value status ON	1	Process value	
Text OFF	2	Text ON	2
Appearance			
Background color	255, 255, 255	Foreground color	0, 0, 0
Design			
3D border style	Checked	Focus color	0, 0, 0
Layout			
Fit to size	Unchecked	Height	30
X position	78	Y position	191
Width	41		
Text			
Font	Tahoma, 11px	Horizontal alignment	Centered
Vertical alignment	Middle		

F

Owner	Project name Abastecimento de água V11 - 1212C - Final	Date 6/21/2012
Operator	Project Path D:\Documents and Settings\Tiago\Desktop\Dissertação Mestrado V11\Abastecimento de água V11 - 1212C - Final	
Designed By	Location	
Checked By	Description 1st	Language en-US
Approved By	Description 2nd	Version
	1st View	Sheet 3 - 13

A

Limits			
Color for High limit violated	128, 128, 128	Color for Low limit violated	192, 192, 192
Miscellaneous			
Tooltip		Layer	0 - Layer_0
Name	Switch_3		
Security			
Authorization	Operate	Allow operator control	Checked
Dynamizations\Tag connection			
Property name	Process value	Tag	OPÇÃO.MODO.2

B

Switch_5			
Type	Switch		
General			
Label text	Switch	Mode	Switch with text
Value status ON	1	Process value	
Text OFF	3	Text ON	3
Appearance			
Background color	255, 255, 255	Foreground color	0, 0, 0
Design			
3D border style	Checked	Focus color	0, 0, 0
Layout			
Fit to size	Unchecked	Height	30
X position	132	Y position	191
Width	41		
Text			
Font	Tahoma, 11px	Horizontal alignment	Centered
Vertical alignment	Middle		

C

D

Limits			
Color for High limit violated	128, 128, 128	Color for Low limit violated	192, 192, 192
Miscellaneous			
Tooltip		Layer	0 - Layer_0
Name	Switch_5		
Security			
Authorization	Operate	Allow operator control	Checked
Dynamizations\Tag connection			
Property name	Process value	Tag	OPÇÃO.MODO.3

E

Switch_6			
Type	Switch		
General			
Label text	Switch	Mode	Switch with text
Value status ON	1	Process value	
Text OFF	4	Text ON	4
Appearance			
Background color	255, 255, 255	Foreground color	0, 0, 0

F

Owner	Project name Abastecimento de água V11 - 1212C - Final	Date 6/21/2012
Operator	Project Path D:\Documents and Settings\Tiago\Desktop\Dissertação Mestrado V11\Abastecimento de água V11 - 1212C - Final	
Designed By	Location	
Checked By	Description 1st	Language en-US
Approved By	Description 2nd	Version
	1st View	Sheet 3 - 14

1

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4

A

Miscellaneous			
Tooltip		Layer	0 - Layer_0
Name	I/O field_9		
Security			
Authorization		Allow operator control	Checked
Dynamizations\Tag connection			
Property name	Process value	Tag	Relógio_Interno_tempo_read

B

C

D

E

F

Owner	Project name	Abastecimento de água V11 - 1212C - Final	Date	6/21/2012
	Operator	Project Path D:\Documents and Settings\Tiago\Desktop\Dissertação Mestrado V11\Abastecimento de água V11 - 1212C - Final		
Designed By	Location			
Checked By	Description 1st	Language en-US		
Approved By	Description 2nd	1st View	Version	Sheet 3 - 16

HMI_1 [KTP600 Basic mono PN] / Screens

Configurações de Horário

Hardcopy of Configurações de Horário

Nome

Horário de Funcionamento da Bomba (Modo 4)

Período Noturno (Das 24h as 6h)

Período Diurno (Horas Restantes)

Tempo Total de Funcionamento da Bomba: dias horas minutos

Tempo Parcial de Funcionamento da Bomba: dias horas minutos

Reset do tempo parcial

General			
Name	Configurações de Horário	Background color	192, 192, 192
Grid color	0, 0, 0	Number	3
Template		Tooltip	
Layers			
Active layer	0		

Specifies the layer.	Visible during configuration
Layer_0	Checked
Layer_1	Checked
Layer_2	Checked
Layer_3	Checked
Layer_4	Checked
Layer_5	Checked
Layer_6	Checked
Layer_7	Checked
Layer_8	Checked
Layer_9	Checked
Layer_10	Checked
Layer_11	Checked
Layer_12	Checked
Layer_13	Checked
Layer_14	Checked
Layer_15	Checked
Layer_16	Checked
Layer_17	Checked
Layer_18	Checked
Layer_19	Checked
Layer_20	Checked
Layer_21	Checked
Layer_22	Checked
Layer_23	Checked
Layer_24	Checked

Owner	Project name	Abastecimento de água V11 - 1212C - Final	Date	6/21/2012
	Operator	Project Path	D:\Documents and Settings\Tiago\Desktop\Dissertação Mestrado V11\Abastecimento de água V11 - 1212C - Final	
Designed By		Location		
	Checked By	Description 1st	Language	en-US
Approved By	Description 2nd	1st View	Version	Sheet 4 - 1

1

2

3

4

A

Specifies the layer.	Visible during configuration
Layer_25	Checked
Layer_26	Checked
Layer_27	Checked
Layer_28	Checked
Layer_29	Checked
Layer_30	Checked
Layer_31	Checked

Text field_1

B

Type	Text field		
General			
Text	Horário de Funcionamento da Bomba (Modo 4)		
Appearance			
Background color	192, 192, 192	Background fill pattern	Solid
Border color	0, 0, 0	3D border style	Unchecked
Border width	1	Line style	None
Foreground color	0, 0, 0		
Layout			
Bottom margin	0	Fit to size	Checked
Height	15	X position	23
Left margin	0	Right margin	2
Y position	38	Top margin	2
Width	264		

C

Text			
Font	Tahoma, 11px, style=Bold	Horizontal alignment	Left
Line break	Unchecked	Vertical alignment	Top
Flashing			
Flashing	None		
Miscellaneous			
Layer	0 - Layer_0	Name	Text field_1

D

Text field_2

Type	Text field		
General			
Text	Período Diurno (Horas Restantes)		
Appearance			
Background color	192, 192, 192	Background fill pattern	Solid
Border color	0, 0, 0	3D border style	Unchecked
Border width	1	Line style	None
Foreground color	0, 0, 0		
Layout			
Bottom margin	0	Fit to size	Unchecked
Height	15	X position	57
Left margin	0	Right margin	2
Y position	85	Top margin	2
Width	180		

E

Owner	Project name	Abastecimento de água V11 - 1212C - Final	Date	6/21/2012
Operator	Project Path	D:\Documents and Settings\Tiago\Desktop\Dissertação Mestrado V11\Abastecimento de água V11 - 1212C - Final		
Designed By	Description 1st	Location		
Checked By	Description 2nd	Language	en-US	
Approved By	1st View	Version	Sheet 4 - 2	

F

1

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4

A

Text			
Font	Tahoma, 11px	Horizontal alignment	Left
Line break	Unchecked	Vertical alignment	Top
Flashing			
Flashing	None		
Miscellaneous			
Layer	0 - Layer_0	Name	Text field_2

Text field_8

B

Type	Text field		
General			
Text	Período Noturno (Das 24h às 6h)		
Appearance			
Background color	192, 192, 192	Background fill pattern	Solid
Border color	0, 0, 0	3D border style	Unchecked
Border width	1	Line style	None
Foreground color	0, 0, 0		

C

Layout			
Bottom margin	0	Fit to size	Unchecked
Height	15	X position	28
Left margin	0	Right margin	2
Y position	64	Top margin	2
Width	161		

Text			
Font	Tahoma, 11px	Horizontal alignment	Left
Line break	Unchecked	Vertical alignment	Top
Flashing			
Flashing	None		
Miscellaneous			
Layer	0 - Layer_0	Name	Text field_8

D

Text field_17

Type	Text field		
General			
Text	Tempo Total de Funcionamento		
Appearance			
Background color	192, 192, 192	Background fill pattern	Solid
Border color	0, 0, 0	3D border style	Unchecked
Border width	1	Line style	None
Foreground color	0, 0, 0		

E

Layout			
Bottom margin	0	Fit to size	Checked
Height	15	X position	27
Left margin	0	Right margin	2
Y position	110	Top margin	2
Width	186		

F

Owner	Project name	Abastecimento de água V11 - 1212C - Final	Date	6/21/2012
Operator	Project Path	D:\Documents and Settings\Tiago\Desktop\Dissertação Mestrado V11\Abastecimento de água V11 - 1212C - Final		
	Location			
Designed By	Description 1st			
Checked By	Description 2nd	Language	en-US	
Approved By	1st View	Version	Sheet 4 - 3	

1

2

3

4

A

Text			
Font	Tahoma, 11px, style=Bold	Horizontal alignment	Left
Line break	Unchecked	Vertical alignment	Top
Flashing			
Flashing	None		
Miscellaneous			
Layer	0 - Layer_0	Name	Text field_17

Text field_18

Type	Text field		
General			
Text	Tempo Parcial de Funcionamento		
Appearance			
Background color	192, 192, 192	Background fill pattern	Solid
Border color	0, 0, 0	3D border style	Unchecked
Border width	1	Line style	None
Foreground color	0, 0, 0		
Layout			
Bottom margin	0	Fit to size	Checked
Height	15	X position	25
Left margin	0	Right margin	2
Y position	154	Top margin	2
Width	195		

B

C

Text			
Font	Tahoma, 11px, style=Bold	Horizontal alignment	Left
Line break	Unchecked	Vertical alignment	Top
Flashing			
Flashing	None		
Miscellaneous			
Layer	0 - Layer_0	Name	Text field_18

Text field_19

Type	Text field		
General			
Text	da Bomba:		
Appearance			
Background color	192, 192, 192	Background fill pattern	Solid
Border color	0, 0, 0	3D border style	Unchecked
Border width	1	Line style	None
Foreground color	0, 0, 0		
Layout			
Bottom margin	0	Fit to size	Checked
Height	15	X position	26
Left margin	0	Right margin	2
Y position	171	Top margin	2
Width	61		

D

E

Owner	Project name Abastecimento de água V11 - 1212C - Final	Date 6/21/2012
Operator	Project Path D:\Documents and Settings\Tiago\Desktop\Dissertação Mestrado V11\Abastecimento de água V11 - 1212C - Final	
	Location	
Designed By	Description 1st	
Checked By	Description 2nd	Language en-US
Approved By	1st View	Version
		Sheet 4 - 4

F

A

Text			
Font	Tahoma, 11px, style=Bold	Horizontal alignment	Left
Line break	Unchecked	Vertical alignment	Top
Flashing			
Flashing	None		
Miscellaneous			
Layer	0 - Layer_0	Name	Text field_19

Text field_20

B

Type	Text field		
General			
Text	da Bomba:		
Appearance			
Background color	192, 192, 192	Background fill pattern	Solid
Border color	0, 0, 0	3D border style	Unchecked
Border width	1	Line style	None
Foreground color	0, 0, 0		
Layout			
Bottom margin	0	Fit to size	Checked
Height	15	X position	28
Left margin	0	Right margin	2
Y position	127	Top margin	2
Width	61		

C

Text			
Font	Tahoma, 11px, style=Bold	Horizontal alignment	Left
Line break	Unchecked	Vertical alignment	Top
Flashing			
Flashing	None		
Miscellaneous			
Layer	0 - Layer_0	Name	Text field_20

D

I/O field_5			
Type	I/O field		
General			
Display format	Decimal	Field length	3
Format pattern	999	Mode	Output
Process value		Shift decimal point	0
Show leading zeros	Unchecked		
Appearance			
Background color	255, 255, 255	Background fill pattern	Solid
Border color	0, 0, 0	3D border style	Unchecked
Line style	None	Foreground color	0, 0, 0
Unit			
Characteristics			
Hidden input	Unchecked		
Layout			
Bottom margin	2	Fit to size	Unchecked

E

F

Owner	Project name	Abastecimento de água V11 - 1212C - Final	Date	6/21/2012
	Operator	Project Path D:\Documents and Settings\Tiago\Desktop\Dissertação Mestrado V11\Abastecimento de água V11 - 1212C - Final		
Designed By	Location			
Checked By	Description 1st	Language en-US		
Approved By	Description 2nd	1st View	Version	Sheet 4 - 5

1		2		3		4		
A	Height	16	X position	97				
	Left margin	2	Right margin	2				
	Y position	128	Top margin	2				
	Width	31						
	Text							
	Font	Tahoma, 11px	Horizontal alignment	Left				
	Line break	Unchecked	Vertical alignment	Top				
	Limits							
	Color for High limit violated	128, 128, 128	Color for Low limit violated	192, 192, 192				
	Miscellaneous							
Tooltip		Layer	0 - Layer_0					
Name	I/O field_5							
Security								
Authorization		Allow operator control	Checked					
Dynamizations\Tag connection								
Property name	Process value	Tag	Backup Dados_dias.total					
I/O field_6								
Type	I/O field							
General								
Display format	Decimal	Field length	2					
Format pattern	99	Mode	Output					
Process value		Shift decimal point	0					
Show leading zeros	Unchecked							
Appearance								
Background color	255, 255, 255	Background fill pattern	Solid					
Border color	0, 0, 0	3D border style	Unchecked					
Line style	None	Foreground color	0, 0, 0					
Unit								
Characteristics								
Hidden input	Unchecked							
Layout								
Bottom margin	2	Fit to size	Unchecked					
Height	16	X position	159					
Left margin	2	Right margin	2					
Y position	127	Top margin	2					
Width	24							
Text								
Font	Tahoma, 11px	Horizontal alignment	Left					
Line break	Unchecked	Vertical alignment	Top					
Limits								
Color for High limit violated	128, 128, 128	Color for Low limit violated	192, 192, 192					
Miscellaneous								
Tooltip		Layer	0 - Layer_0					
Name	I/O field_6							

Owner	Project name	Abastecimento de água V11 - 1212C - Final	Date	6/21/2012
	Project Path	D:\Documents and Settings\Tiago\Desktop\Dissertação Mestrado V11\Abastecimento de água V11 - 1212C - Final		
Operator	Location			
	Designed By	Description 1st		
Checked By	Description 2nd	Language	en-US	
Approved By	1st View	Version	Sheet 4 - 6	

A
B
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F

A

Security			
Authorization		Allow operator control	Checked
Dynamizations\Tag connection			
Property name	Process value	Tag	Backup Dados_horas.total

B

I/O field_7			
Type	I/O field		
General			
Display format	Decimal	Field length	2
Format pattern	99	Mode	Output
Process value		Shift decimal point	0
Show leading zeros	Unchecked		
Appearance			
Background color	255, 255, 255	Background fill pattern	Solid
Border color	0, 0, 0	3D border style	Unchecked
Line style	None	Foreground color	0, 0, 0
Unit			

C

Characteristics			
Hidden input	Unchecked		
Layout			
Bottom margin	2	Fit to size	Unchecked
Height	16	X position	221
Left margin	2	Right margin	2
Y position	127	Top margin	2
Width	24		

D

Text			
Font	Tahoma, 11px	Horizontal alignment	Left
Line break	Unchecked	Vertical alignment	Top
Limits			
Color for High limit violated	128, 128, 128	Color for Low limit violated	192, 192, 192
Miscellaneous			
Tooltip		Layer	0 - Layer_0
Name	I/O field_7		
Security			
Authorization		Allow operator control	Checked
Dynamizations\Tag connection			
Property name	Process value	Tag	Backup Dados_minutos.total

E

Text field_21			
Type	Text field		
General			
Text	dias		
Appearance			
Background color	192, 192, 192	Background fill pattern	Solid
Border color	0, 0, 0	3D border style	Unchecked

F

Owner	Project name Abastecimento de água V11 - 1212C - Final	Date 6/21/2012
Operator	Project Path D:\Documents and Settings\Tiago\Desktop\Dissertação Mestrado V11\Abastecimento de água V11 - 1212C - Final	
	Location	
Designed By	Description 1st	
Checked By	Description 2nd	Language en-US
Approved By	1st View	Version
		Sheet 4 - 7

1		2		3		4		
A	Border width	1	Line style	None				
	Foreground color	0, 0, 0						
	Layout							
	Bottom margin	0	Fit to size	Checked				
	Height	15	X position	132				
	Left margin	0	Right margin	2				
	Y position	128	Top margin	2				
	Width	27						
	Text							
	Font	Tahoma, 11px		Horizontal alignment	Left			
Line break	Unchecked		Vertical alignment	Top				
Flashing								
Flashing	None							
Miscellaneous								
Layer	0 - Layer_0		Name	Text field_21				

Text field_22

Type	Text field						
General							
Text	horas						
Appearance							
Background color	192, 192, 192		Background fill pattern	Solid			
Border color	0, 0, 0		3D border style	Unchecked			
Border width	1		Line style	None			
Foreground color	0, 0, 0						
Layout							
Bottom margin	0	Fit to size	Checked				
Height	15	X position	187				
Left margin	0	Right margin	2				
Y position	128	Top margin	2				
Width	29						
Text							
Font	Tahoma, 11px		Horizontal alignment	Left			
Line break	Unchecked		Vertical alignment	Top			
Flashing							
Flashing	None						
Miscellaneous							
Layer	0 - Layer_0		Name	Text field_22			

Text field_23

Type	Text field						
General							
Text	minutos						
Appearance							
Background color	192, 192, 192		Background fill pattern	Solid			
Border color	0, 0, 0		3D border style	Unchecked			
Border width	1		Line style	None			

Owner	Project name		Abastecimento de água V11 - 1212C - Final		Date	6/21/2012		
	Operator	Project Path						D:\Documents and Settings\Tiago\Desktop\Dissertação Mestrado
V11\Abastecimento de água V11 - 1212C - Final						Location		
Designed By	Description 1st							
Checked By	Description 2nd			Language		en-US		
Approved By	1st View			Version		Sheet 4 - 8		

1		2		3		4		
A	Foreground color		0, 0, 0					
	Layout							
	Bottom margin		0		Fit to size		Checked	
	Height		15		X position		250	
	Left margin		0		Right margin		2	
	Y position		128		Top margin		2	
	Width		39					
	Text							
	Font		Tahoma, 11px		Horizontal alignment		Left	
	Line break		Unchecked		Vertical alignment		Top	

I/O field_8

Type		I/O field					
General							
Display format		Decimal		Field length		3	
Format pattern		999		Mode		Output	
Process value				Shift decimal point		0	
Show leading zeros		Unchecked					
Appearance							
Background color		255, 255, 255		Background fill pattern		Solid	
Border color		0, 0, 0		3D border style		Unchecked	
Line style		None		Foreground color		0, 0, 0	
Unit							

Characteristics							
Hidden input		Unchecked					
Layout							
Bottom margin		2		Fit to size		Unchecked	
Height		16		X position		98	
Left margin		2		Right margin		2	
Y position		172		Top margin		2	
Width		32					
Text							
Font		Tahoma, 11px		Horizontal alignment		Left	
Line break		Unchecked		Vertical alignment		Top	
Limits							
Color for High limit violated		128, 128, 128		Color for Low limit violated		192, 192, 192	
Miscellaneous							
Tooltip				Layer		0 - Layer_0	
Name		I/O field_8					
Security							
Authorization				Allow operator control		Checked	

Owner	Project name		Abastecimento de água V11 - 1212C - Final		Date		6/21/2012	
	Operator		Project Path		D:\Documents and Settings\Tiago\Desktop\Dissertação Mestrado		V11\Abastecimento de água V11 - 1212C - Final	
Designed By	Description 1st				Location			
	Checked By		Description 2nd		Language		en-US	
	Approved By		1st View		Version		Sheet 4 - 9	

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4

A

Dynamizations\Tag connection			
Property name	Process value	Tag	Backup Dados_dias.parcial

I/O field_9

Type	I/O field
------	-----------

General

Display format	Decimal	Field length	2
Format pattern	99	Mode	Output
Process value		Shift decimal point	0
Show leading zeros	Unchecked		

Appearance

Background color	255, 255, 255	Background fill pattern	Solid
Border color	0, 0, 0	3D border style	Unchecked
Line style	None	Foreground color	0, 0, 0
Unit			

Characteristics

Hidden input	Unchecked
--------------	-----------

Layout

Bottom margin	2	Fit to size	Unchecked
Height	16	X position	161
Left margin	2	Right margin	2
Y position	172	Top margin	2
Width	24		

Text

Font	Tahoma, 11px	Horizontal alignment	Left
Line break	Unchecked	Vertical alignment	Top

Limits

Color for High limit violated	128, 128, 128	Color for Low limit violated	192, 192, 192
-------------------------------	---------------	------------------------------	---------------

Miscellaneous

Tooltip		Layer	0 - Layer_0
---------	--	-------	-------------

Name	I/O field_9
------	-------------

Security

Authorization		Allow operator control	Checked
---------------	--	------------------------	---------

Dynamizations\Tag connection

Property name	Process value	Tag	Backup Dados_horas.parcial
---------------	---------------	-----	----------------------------

I/O field_10

Type	I/O field
------	-----------

General

Display format	Decimal	Field length	2
Format pattern	99	Mode	Output
Process value		Shift decimal point	0
Show leading zeros	Unchecked		

Appearance

Background color	255, 255, 255	Background fill pattern	Solid
Border color	0, 0, 0	3D border style	Unchecked

B

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F

Owner	Project name	Abastecimento de água V11 - 1212C - Final	Date	6/21/2012
Operator	Project Path	D:\Documents and Settings\Tiago\Desktop\Dissertação Mestrado V11\Abastecimento de água V11 - 1212C - Final		
Designed By	Description 1st			
Checked By	Description 2nd	Language	en-US	
Approved By	1st View	Version	Sheet 4 - 10	

	1	2	3	4
A	Line style	None	Foreground color	0, 0, 0
	Unit			
	Characteristics			
	Hidden input	Unchecked		
	Layout			
	Bottom margin	2	Fit to size	Unchecked
	Height	16	X position	223
	Left margin	2	Right margin	2
	Y position	172	Top margin	2
	Width	24		
B	Text			
	Font	Tahoma, 11px	Horizontal alignment	Left
	Line break	Unchecked	Vertical alignment	Top
	Limits			
	Color for High limit violated	128, 128, 128	Color for Low limit violated	192, 192, 192
	Miscellaneous			
	Tooltip		Layer	0 - Layer_0
	Name	I/O field_10		
	Security			
	Authorization		Allow operator control	Checked
C	Dynamizations\Tag connection			
	Property name	Process value	Tag	Backup Dados_minutos.parcial
	Text field_24			
	Type	Text field		
	General			
	Text	dias		
	Appearance			
	Background color	192, 192, 192	Background fill pattern	Solid
	Border color	0, 0, 0	3D border style	Unchecked
	Border width	1	Line style	None
Foreground color	0, 0, 0			
D	Layout			
	Bottom margin	0	Fit to size	Checked
	Height	15	X position	134
	Left margin	0	Right margin	2
	Y position	172	Top margin	2
	Width	27		
	Text			
	Font	Tahoma, 11px	Horizontal alignment	Left
	Line break	Unchecked	Vertical alignment	Top
	Flashing			
Flashing	None			
E	Miscellaneous			
	Layer	0 - Layer_0	Name	Text field_24
	Owner			
	Project name	Abastecimento de água V11 - 1212C - Final		Date 6/21/2012
	Operator			
	Project Path	D:\Documents and Settings\Tiago\Desktop\Dissertação Mestrado V11\Abastecimento de água V11 - 1212C - Final		
	Location			
	Description 1st			
	Designed By			
	Description 2nd			
Checked By			Language en-US	
1st View				
Approved By			Version	
			Sheet 4 - 11	

	1	2	3	4
A	Line style	None	Foreground color	0, 0, 0
	Unit			
	Characteristics			
	Hidden input	Unchecked		
	Layout			
	Bottom margin	2	Fit to size	Unchecked
	Height	16	X position	223
	Left margin	2	Right margin	2
	Y position	172	Top margin	2
	Width	24		
B	Text			
	Font	Tahoma, 11px	Horizontal alignment	Left
	Line break	Unchecked	Vertical alignment	Top
	Limits			
	Color for High limit violated	128, 128, 128	Color for Low limit violated	192, 192, 192
	Miscellaneous			
	Tooltip		Layer	0 - Layer_0
	Name	I/O field_10		
	Security			
	Authorization		Allow operator control	Checked
C	Dynamizations\Tag connection			
	Property name	Process value	Tag	Backup Dados_minutos.parcial
	Text field_24			
	Type	Text field		
	General			
	Text	dias		
	Appearance			
	Background color	192, 192, 192	Background fill pattern	Solid
	Border color	0, 0, 0	3D border style	Unchecked
	Border width	1	Line style	None
Foreground color	0, 0, 0			
D	Layout			
	Bottom margin	0	Fit to size	Checked
	Height	15	X position	134
	Left margin	0	Right margin	2
	Y position	172	Top margin	2
	Width	27		
	Text			
	Font	Tahoma, 11px	Horizontal alignment	Left
	Line break	Unchecked	Vertical alignment	Top
	Flashing			
Flashing	None			
E	Miscellaneous			
	Layer	0 - Layer_0	Name	Text field_24
	Owner			
	Project name	Abastecimento de água V11 - 1212C - Final		Date 6/21/2012
	Operator			
	Project Path	D:\Documents and Settings\Tiago\Desktop\Dissertação Mestrado V11\Abastecimento de água V11 - 1212C - Final		
	Location			
	Description 1st			
	Designed By			
	Description 2nd			
Checked By			Language en-US	
1st View				
Approved By			Version	
			Sheet 4 - 11	

F	Owner			
	Project name	Abastecimento de água V11 - 1212C - Final		Date 6/21/2012
	Operator			
	Project Path	D:\Documents and Settings\Tiago\Desktop\Dissertação Mestrado V11\Abastecimento de água V11 - 1212C - Final		
	Location			
	Description 1st			
	Designed By			
	Description 2nd			
	Checked By			Language en-US
	1st View			
Approved By			Version	
			Sheet 4 - 11	

1

2

3

4

A

Text field_25

Type	Text field		
General			
Text	horas		
Appearance			
Background color	192, 192, 192	Background fill pattern	Solid
Border color	0, 0, 0	3D border style	Unchecked
Border width	1	Line style	None
Foreground color	0, 0, 0		
Layout			
Bottom margin	0	Fit to size	Checked
Height	15	X position	189
Left margin	0	Right margin	2
Y position	173	Top margin	2
Width	29		
Text			
Font	Tahoma, 11px	Horizontal alignment	Left
Line break	Unchecked	Vertical alignment	Top
Flashing			
Flashing	None		
Miscellaneous			
Layer	0 - Layer_0	Name	Text field_25

B

C

Text field_26

Type	Text field		
General			
Text	minutos		
Appearance			
Background color	192, 192, 192	Background fill pattern	Solid
Border color	0, 0, 0	3D border style	Unchecked
Border width	1	Line style	None
Foreground color	0, 0, 0		
Layout			
Bottom margin	0	Fit to size	Checked
Height	15	X position	252
Left margin	0	Right margin	2
Y position	172	Top margin	2
Width	39		
Text			
Font	Tahoma, 11px	Horizontal alignment	Left
Line break	Unchecked	Vertical alignment	Top
Flashing			
Flashing	None		
Miscellaneous			
Layer	0 - Layer_0	Name	Text field_26

D

E

F

Owner	Project name	Abastecimento de água V11 - 1212C - Final	Date	6/21/2012
Operator	Project Path	D:\Documents and Settings\Tiago\Desktop\Dissertação Mestrado V11\Abastecimento de água V11 - 1212C - Final		
Designed By	Description 1st	Location		
Checked By	Description 2nd	Language	en-US	
Approved By	1st View	Version	Sheet 4 - 12	

1

2

3

4

A

Text field_27

Type	Text field		
General			
Text	Reset do tempo parcial		
Appearance			
Background color	192, 192, 192	Background fill pattern	Solid
Border color	0, 0, 0	3D border style	Unchecked
Border width	1	Line style	None
Foreground color	0, 0, 0		
Layout			
Bottom margin	0	Fit to size	Checked
Height	15	X position	32
Left margin	0	Right margin	2
Y position	207	Top margin	2
Width	112		
Text			
Font	Tahoma, 11px	Horizontal alignment	Left
Line break	Unchecked	Vertical alignment	Top
Flashing			
Flashing	None		
Miscellaneous			
Layer	0 - Layer_0	Name	Text field_27

B

C

Rectangle_1

Type	Rectangle		
Appearance			
Background color	255, 255, 255	Background fill pattern	Transparent
Border color	0, 0, 0	Border width	1
Line style	Solid		
Layout			
Height	24	X position	24
Round corner height	0	Round corner width	0
Y position	204	Width	128
Miscellaneous			
Layer	0 - Layer_0	Name	Rectangle_1

D

Switch_4

Type	Switch		
General			
Label text	Switch	Mode	Switch with graphic
Value status ON	1	Process value	
Text OFF	0	Text ON	1
Appearance			
Background color	255, 255, 255	Foreground color	0, 0, 0
Design			
3D border style	Checked	Focus color	0, 0, 0

E

Owner	Project name	Abastecimento de água V11 - 1212C - Final	Date	6/21/2012
Operator	Project Path	D:\Documents and Settings\Tiago\Desktop\Dissertação Mestrado V11\Abastecimento de água V11 - 1212C - Final		
Designed By	Description 1st	Location		
Checked By	Description 2nd	Language	en-US	
Approved By	1st View	Version	Sheet 4 - 13	

F

A

Layout			
Fit to size	Unchecked	Height	32
X position	164	Y position	200
Width	32		

B

Text			
Font	Tahoma, 11px	Horizontal alignment	Centered
Vertical alignment	Middle		
Limits			
Color for High limit violated	128, 128, 128	Color for Low limit violated	192, 192, 192
Miscellaneous			
Tooltip		Layer	0 - Layer_0
Name	Switch_4		
Security			
Authorization	Operate	Allow operator control	Checked
Dynamizations\Tag connection			
Property name	Process value	Tag	RESET.TEMPO.PARCIAL

C

PlotLight_Round_N_Mono_2			
Type	Switch		
General			
Label text	Switch	Mode	Switch with graphic
Value status ON	1	Process value	
Text OFF	0	Text ON	1
Appearance			
Background color	192, 192, 192	Foreground color	0, 0, 0
Design			
3D border style	Unchecked	Focus color	0, 0, 0

D

Layout			
Fit to size	Unchecked	Height	24
X position	192	Y position	60
Width	25		
Text			
Font	Tahoma, 16px	Horizontal alignment	Centered
Vertical alignment	Middle		
Limits			
Color for High limit violated	128, 128, 128	Color for Low limit violated	192, 192, 192

E

Miscellaneous			
Tooltip		Layer	0 - Layer_0
Name	PlotLight_Round_N_Mono_2		
Security			
Authorization		Allow operator control	Checked
Dynamizations\Tag connection			
Property name	Process value	Tag	MODO.NOTURNO

F

Owner	Project name Abastecimento de água V11 - 1212C - Final	Date 6/21/2012
Operator	Project Path D:\Documents and Settings\Tiago\Desktop\Dissertação Mestrado V11\Abastecimento de água V11 - 1212C - Final	
	Location	
Designed By	Description 1st	
Checked By	Description 2nd	Language en-US
Approved By	1st View	Version
		Sheet 4 - 14

1	2	3	4
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A

PlotLight_Round_N_Mono_1			
Type	Switch		
General			
Label text	Switch	Mode	Switch with graphic
Value status ON	1	Process value	
Text OFF	0	Text ON	1
Appearance			
Background color	192, 192, 192	Foreground color	0, 0, 0
Design			
3D border style	Unchecked	Focus color	0, 0, 0
Layout			
Fit to size	Unchecked	Height	24
X position	226	Y position	81
Width	25		
Text			
Font	Tahoma, 16px	Horizontal alignment	Centered
Vertical alignment	Middle		
Limits			
Color for High limit violated	128, 128, 128	Color for Low limit violated	192, 192, 192
Miscellaneous			
Tooltip		Layer	0 - Layer_0
Name	PlotLight_Round_N_Mono_1		
Security			
Authorization		Allow operator control	Checked
Dynamizations\Tag connection			
Property name	Process value	Tag	MODO.DIURNO

B

C

Symbolic_IO_Field_Screen			
---------------------------------	--	--	--

Type	Symbolic I/O field		
General			
Bit number	0	Field length	20
Mode	Input/output	Value status ON	1
Process value	0	Text list	TextList_ScreenNames
Text OFF	0	Text ON	1
Appearance			
Background color	255, 255, 255	Background fill pattern	Solid
Border color	0, 0, 0	Border width	1
Line style	Solid	Foreground color	0, 0, 0
Layout			
Bottom margin	2	Fit to size	Unchecked
Height	20	X position	8
Left margin	2	Right margin	2
Y position	5	Top margin	2
Width	304		

D

E

F

Owner	Project name Abastecimento de água V11 - 1212C - Final	Date 6/21/2012
Operator	Project Path D:\Documents and Settings\Tiago\Desktop\Dissertação Mestrado V11\Abastecimento de água V11 - 1212C - Final	
	Location	
Designed By	Description 1st	
Checked By	Description 2nd	Language en-US
Approved By	1st View	Version
		Sheet 4 - 15

1

2

3

4

A

Dynamizations\Tag connection			
Property name	Process value	Tag	Relógio_Interno_tempo_read

B

C

D

E

F

Owner	Project name	Abastecimento de água V11 - 1212C - Final	Date	6/21/2012
Operator	Project Path	D:\Documents and Settings\Tiago\Desktop\Dissertação Mestrado V11\Abastecimento de água V11 - 1212C - Final		
	Location			
Designed By	Description 1st			
Checked By	Description 2nd	Language	en-US	
Approved By	1st View	Version	Sheet 4 - 17	

HMI_1 [KTP600 Basic mono PN] / Screens

Configurações do pH

Hardcopy of Configurações do pH

Nome	
Set-point do pH (0 - 14):	1b
Valor de Alerta do pH (0 - 14):	4b
Valor de Alarme do pH (0 - 14):	5b
Velocidade da Bomba do pH (0 - 100%) (apenas no Modo 1 - Manual):	6b0
Controlo Automático do pH (apenas Modos 2, 3 e 4)	<input checked="" type="checkbox"/> 2 <input checked="" type="checkbox"/> 3 <input checked="" type="checkbox"/> 4

General			
Name	Configurações do pH	Background color	192, 192, 192
Grid color	0, 0, 0	Number	4
Template		Tooltip	
Layers			
Active layer	0		

Specifies the layer.	Visible during configuration
Layer_0	Checked
Layer_1	Checked
Layer_2	Checked
Layer_3	Checked
Layer_4	Checked
Layer_5	Checked
Layer_6	Checked
Layer_7	Checked
Layer_8	Checked
Layer_9	Checked
Layer_10	Checked
Layer_11	Checked
Layer_12	Checked
Layer_13	Checked
Layer_14	Checked
Layer_15	Checked
Layer_16	Checked
Layer_17	Checked
Layer_18	Checked
Layer_19	Checked
Layer_20	Checked
Layer_21	Checked
Layer_22	Checked
Layer_23	Checked
Layer_24	Checked

Owner	Project name	Abastecimento de água V11 - 1212C - Final	Date	6/21/2012
	Operator	Project Path D:\Documents and Settings\Tiago\Desktop\Dissertação Mestrado V11\Abastecimento de água V11 - 1212C - Final		
Designed By	Location			
	Description 1st			
Checked By	Description 2nd		Language	en-US
Approved By	1st View	Version	Sheet 5 - 1	

1

2

3

4

A

Specifies the layer.	Visible during configuration
Layer_25	Checked
Layer_26	Checked
Layer_27	Checked
Layer_28	Checked
Layer_29	Checked
Layer_30	Checked
Layer_31	Checked

Text field_1

B

Type	Text field		
General			
Text	Set-point do pH (0 - 14):		
Appearance			
Background color	192, 192, 192	Background fill pattern	Solid
Border color	0, 0, 0	3D border style	Unchecked
Border width	1	Line style	None
Foreground color	0, 0, 0		
Layout			
Bottom margin	0	Fit to size	Checked
Height	15	X position	46
Left margin	0	Right margin	2
Y position	43	Top margin	2
Width	138		

C

Text			
Font	Tahoma, 11px, style=Bold	Horizontal alignment	Left
Line break	Unchecked	Vertical alignment	Top
Flashing			
Flashing	None		
Miscellaneous			
Layer	0 - Layer_0	Name	Text field_1

D

I/O field_1			
Type	I/O field		
General			
Display format	Decimal	Field length	2
Format pattern	99	Mode	Input/output
Process value		Shift decimal point	0
Show leading zeros	Unchecked		
Appearance			
Background color	255, 255, 255	Background fill pattern	Solid
Border color	0, 0, 0	3D border style	Unchecked
Line style	None	Foreground color	0, 0, 0
Unit			
Characteristics			
Hidden input	Unchecked		
Layout			
Bottom margin	2	Fit to size	Unchecked

E

Owner	Project name	Abastecimento de água V11 - 1212C - Final	Date	6/21/2012
Operator	Project Path	D:\Documents and Settings\Tiago\Desktop\Dissertação Mestrado V11\Abastecimento de água V11 - 1212C - Final		
Designed By	Description 1st	Location		
Checked By	Description 2nd	Language	en-US	
Approved By	1st View	Version	Sheet 5 - 2	

F

Height	16	X position	191
Left margin	2	Right margin	2
Y position	44	Top margin	2
Width	24		
Text			
Font	Tahoma, 11px	Horizontal alignment	Left
Line break	Unchecked	Vertical alignment	Top
Limits			
Color for High limit violated	128, 128, 128	Color for Low limit violated	192, 192, 192
Miscellaneous			
Tooltip		Layer	0 - Layer_0
Name	I/O field_1		
Security			
Authorization	Operate	Allow operator control	Checked
Dynamizations\Tag connection			
Property name	Process value	Tag	Backup Dados_set.point.ph.console

Text field_2			
Type	Text field		
General			
Text	Controlo Automático do pH		
Appearance			
Background color	192, 192, 192	Background fill pattern	Solid
Border color	0, 0, 0	3D border style	Unchecked
Border width	1	Line style	None
Foreground color	0, 0, 0		
Layout			
Bottom margin	0	Fit to size	Checked
Height	15	X position	46
Left margin	0	Right margin	2
Y position	188	Top margin	2
Width	154		
Text			
Font	Tahoma, 11px, style=Bold	Horizontal alignment	Left
Line break	Unchecked	Vertical alignment	Top
Flashing			
Flashing	None		
Miscellaneous			
Layer	0 - Layer_0	Name	Text field_2

Switch_4			
Type	Switch		
General			
Label text	Switch	Mode	Switch with graphic
Value status ON	1	Process value	

Owner	Project name	Abastecimento de água V11 - 1212C - Final	Date	6/21/2012	
	Operator	Project Path D:\Documents and Settings\Tiago\Desktop\Dissertação Mestrado V11\Abastecimento de água V11 - 1212C - Final			
Designed By	Location				
	Description 1st				
	Checked By		Description 2nd		Language
Approved By	1st View		Version	Sheet 5 - 3	

1	2	3	4
Text OFF 0 Text ON 1			
Appearance			
Background color 255, 255, 255		Foreground color 0, 0, 0	
Design			
3D border style Checked		Focus color 0, 0, 0	
Layout			
Fit to size Unchecked		Height 32	
X position 212		Y position 191	
Width 32			
Text			
Font Tahoma, 11px		Horizontal alignment Centered	
Vertical alignment Middle			
Limits			
Color for High limit violated 128, 128, 128		Color for Low limit violated 192, 192, 192	
Miscellaneous			
Tooltip		Layer 0 - Layer_0	
Name Switch_4			
Security			
Authorization Operate		Allow operator control Checked	
Dynamizations\Tag connection			
Property name Process value		Tag Backup Dados_bit.auto.ph	

PlotLight_Round_N_Mono_2			
Type Switch			
General			
Label text Switch		Mode Switch with graphic	
Value status ON 1		Process value	
Text OFF 0		Text ON 1	
Appearance			
Background color 192, 192, 192		Foreground color 0, 0, 0	
Design			
3D border style Unchecked		Focus color 0, 0, 0	
Layout			
Fit to size Unchecked		Height 24	
X position 254		Y position 195	
Width 25			
Text			
Font Tahoma, 16px		Horizontal alignment Centered	
Vertical alignment Middle			
Limits			
Color for High limit violated 128, 128, 128		Color for Low limit violated 192, 192, 192	
Miscellaneous			
Tooltip		Layer 0 - Layer_0	
Name PlotLight_Round_N_Mono_2			

Owner	Project name	Abastecimento de água V11 - 1212C - Final	Date	6/21/2012
	Operator	Project Path D:\Documents and Settings\Tiago\Desktop\Dissertação Mestrado V11\Abastecimento de água V11 - 1212C - Final		
Designed By	Location			
	Description 1st			
Checked By	Description 2nd		Language en-US	
	1st View		Version	Sheet 5 - 4
Approved By				

A

Security			
Authorization		Allow operator control	Checked
Dynamizations\Tag connection			
Property name	Process value	Tag	BIT.PH.AUTO

Text field_3

B

Type	Text field		
General			
Text	Valor de Alerta do pH (0 - 14):		
Appearance			
Background color	192, 192, 192	Background fill pattern	Solid
Border color	0, 0, 0	3D border style	Unchecked
Border width	1	Line style	None
Foreground color	0, 0, 0		
Layout			
Bottom margin	0	Fit to size	Checked
Height	15	X position	46
Left margin	0	Right margin	2
Y position	73	Top margin	2
Width	169		

C

Text			
Font	Tahoma, 11px, style=Bold	Horizontal alignment	Left
Line break	Unchecked	Vertical alignment	Top
Flashing			
Flashing	None		
Miscellaneous			
Layer	0 - Layer_0	Name	Text field_3

D

I/O field_2

Type	I/O field		
General			
Display format	Decimal	Field length	2
Format pattern	99	Mode	Input/output
Process value		Shift decimal point	0
Show leading zeros	Unchecked		
Appearance			
Background color	255, 255, 255	Background fill pattern	Solid
Border color	0, 0, 0	3D border style	Unchecked
Line style	None	Foreground color	0, 0, 0
Unit			
Characteristics			
Hidden input	Unchecked		
Layout			
Bottom margin	2	Fit to size	Unchecked
Height	16	X position	226
Left margin	2	Right margin	2
Y position	74	Top margin	2

E

F

Owner	Project name Abastecimento de água V11 - 1212C - Final	Date 6/21/2012
Operator	Project Path D:\Documents and Settings\Tiago\Desktop\Dissertação Mestrado V11\Abastecimento de água V11 - 1212C - Final	
Designed By	Location	
Checked By	Description 1st	Language en-US
Approved By	Description 2nd	Version
	1st View	Sheet 5 - 5

1		2		3		4			
A	Width	24							
	Text								
	Font	Tahoma, 11px		Horizontal alignment	Left				
	Line break	Unchecked		Vertical alignment	Top				
	Limits								
	Color for High limit violated	128, 128, 128		Color for Low limit violated	192, 192, 192				
	Miscellaneous								
	Tooltip							Layer	0 - Layer_0
	Name	I/O field_2							
	Security								
Authorization	Operate			Allow operator control	Checked				
Dynamizations\Tag connection									
Property name	Process value		Tag	Backup Dados_opcao.alerta.ph					

B	Text field_4							
	Type	Text field						
	General							
	Text	Valor de Alarme do pH (0 - 14):						
	Appearance							
	Background color	192, 192, 192		Background fill pattern	Solid			
	Border color	0, 0, 0		3D border style	Unchecked			
	Border width	1		Line style	None			
	Foreground color	0, 0, 0						
	Layout							
Bottom margin	0		Fit to size	Checked				
Height	15		X position	46				
Left margin	0		Right margin	2				
Y position	105		Top margin	2				
Width	175							
Text								
Font	Tahoma, 11px, style=Bold		Horizontal alignment	Left				
Line break	Unchecked		Vertical alignment	Top				
Flashing								
Flashing	None							
Miscellaneous								
Layer	0 - Layer_0		Name	Text field_4				

C	Text field_4							
	Type	Text field						
	General							
	Text	Valor de Alarme do pH (0 - 14):						
	Appearance							
	Background color	192, 192, 192		Background fill pattern	Solid			
Border color	0, 0, 0		3D border style	Unchecked				
Border width	1		Line style	None				
Foreground color	0, 0, 0							
Layout								
Bottom margin	0		Fit to size	Checked				
Height	15		X position	46				
Left margin	0		Right margin	2				
Y position	105		Top margin	2				
Width	175							
Text								
Font	Tahoma, 11px, style=Bold		Horizontal alignment	Left				
Line break	Unchecked		Vertical alignment	Top				
Flashing								
Flashing	None							
Miscellaneous								
Layer	0 - Layer_0		Name	Text field_4				

D	I/O field_3							
	Type	I/O field						
	General							
	Display format	Decimal		Field length	2			
	Format pattern	99		Mode	Input/output			
Process value			Shift decimal point	0				
Show leading zeros	Unchecked							

E	Owner	Project name Abastecimento de água V11 - 1212C - Final				Date 6/21/2012	
	Operator	Project Path D:\Documents and Settings\Tiago\Desktop\Dissertação Mestrado V11\Abastecimento de água V11 - 1212C - Final					
		Location					
	Designed By	Description 1st					
	Checked By	Description 2nd			Language en-US		
Approved By	1st View			Version		Sheet 5 - 6	

F	I/O field_3							
	Type	I/O field						
	General							
	Display format	Decimal		Field length	2			
	Format pattern	99		Mode	Input/output			
Process value			Shift decimal point	0				
Show leading zeros	Unchecked							

1

2

3

4

A

Appearance			
Background color	255, 255, 255	Background fill pattern	Solid
Border color	0, 0, 0	3D border style	Unchecked
Line style	None	Foreground color	0, 0, 0
Unit			

B

Characteristics			
Hidden input	Unchecked		
Layout			
Bottom margin	2	Fit to size	Unchecked
Height	16	X position	226
Left margin	2	Right margin	2
Y position	105	Top margin	2
Width	24		

C

Text			
Font	Tahoma, 11px	Horizontal alignment	Left
Line break	Unchecked	Vertical alignment	Top
Limits			
Color for High limit violated	128, 128, 128	Color for Low limit violated	192, 192, 192
Miscellaneous			
Tooltip		Layer	0 - Layer_0
Name	I/O field_3		
Security			
Authorization	Operate	Allow operator control	Checked
Dynamizations\Tag connection			
Property name	Process value	Tag	Backup Dados_opcao.alarme.ph

D

Text field_5			
Type	Text field		
General			
Text	Velocidade da Bomba do pH (0 - 100%)		
Appearance			
Background color	192, 192, 192	Background fill pattern	Solid
Border color	0, 0, 0	3D border style	Unchecked
Border width	1	Line style	None
Foreground color	0, 0, 0		
Layout			
Bottom margin	0	Fit to size	Checked
Height	15	X position	46
Left margin	0	Right margin	2
Y position	137	Top margin	2
Width	222		
Text			
Font	Tahoma, 11px, style=Bold	Horizontal alignment	Left
Line break	Unchecked	Vertical alignment	Top

E

F

Owner	Project name	Abastecimento de água V11 - 1212C - Final	Date	6/21/2012
Operator	Project Path	D:\Documents and Settings\Tiago\Desktop\Dissertação Mestrado V11\Abastecimento de água V11 - 1212C - Final		
Designed By	Description 1st	Location		
Checked By	Description 2nd	Language	en-US	
Approved By	1st View	Version	Sheet 5 - 7	

A

Flashing			
Flashing	None		
Miscellaneous			
Layer	0 - Layer_0	Name	Text field_5

I/O field_4			
--------------------	--	--	--

B

Type	I/O field		
General			
Display format	Decimal	Field length	3
Format pattern	999	Mode	Input/output
Process value		Shift decimal point	0
Show leading zeros	Unchecked		
Appearance			
Background color	255, 255, 255	Background fill pattern	Solid
Border color	0, 0, 0	3D border style	Unchecked
Line style	None	Foreground color	0, 0, 0
Unit			

C

Characteristics			
Hidden input	Unchecked		
Layout			
Bottom margin	2	Fit to size	Unchecked
Height	16	X position	226
Left margin	2	Right margin	2
Y position	157	Top margin	2
Width	32		

D

Text			
Font	Tahoma, 11px	Horizontal alignment	Left
Line break	Unchecked	Vertical alignment	Top
Limits			
Color for High limit violated	128, 128, 128	Color for Low limit violated	192, 192, 192
Miscellaneous			
Tooltip		Layer	0 - Layer_0
Name	I/O field_4		
Security			
Authorization	Operate	Allow operator control	Checked
Dynamizations\Tag connection			
Property name	Process value	Tag	Backup Dados_velocidade.bomba.ph.console.manual

E

Text field_6			
Type	Text field		
General			
Text	(apenas no Modo 1 - Manual):		
Appearance			
Background color	192, 192, 192	Background fill pattern	Solid
Border color	0, 0, 0	3D border style	Unchecked

F

Owner	Project name Abastecimento de água V11 - 1212C - Final	Date 6/21/2012
Operator	Project Path D:\Documents and Settings\Tiago\Desktop\Dissertação Mestrado V11\Abastecimento de água V11 - 1212C - Final	
Designed By	Description 1st	
Checked By	Description 2nd	Language en-US
Approved By	1st View	Version Sheet 5 - 8

Border width	1	Line style	None
Foreground color	0, 0, 0		
Layout			
Bottom margin	0	Fit to size	Checked
Height	15	X position	46
Left margin	0	Right margin	2
Y position	156	Top margin	2
Width	169		
Text			
Font	Tahoma, 11px, style=Bold	Horizontal alignment	Left
Line break	Unchecked	Vertical alignment	Top
Flashing			
Flashing	None		
Miscellaneous			
Layer	0 - Layer_0	Name	Text field_6

Text field_7

Type	Text field		
General			
Text	(apenas Modos 2, 3 e 4)		
Appearance			
Background color	192, 192, 192	Background fill pattern	Solid
Border color	0, 0, 0	3D border style	Unchecked
Border width	1	Line style	None
Foreground color	0, 0, 0		
Layout			
Bottom margin	0	Fit to size	Checked
Height	15	X position	46
Left margin	0	Right margin	2
Y position	206	Top margin	2
Width	139		
Text			
Font	Tahoma, 11px, style=Bold	Horizontal alignment	Left
Line break	Unchecked	Vertical alignment	Top
Flashing			
Flashing	None		
Miscellaneous			
Layer	0 - Layer_0	Name	Text field_7

Symbolic_IO_Field_Screen

Type	Symbolic I/O field		
General			
Bit number	0	Field length	20
Mode	Input/output	Value status ON	1
Process value	0	Text list	TextList_ScreenNames
Text OFF	0	Text ON	1

Owner	Project name	Abastecimento de água V11 - 1212C - Final	Date	6/21/2012
	Operator	Project Path D:\Documents and Settings\Tiago\Desktop\Dissertação Mestrado V11\Abastecimento de água V11 - 1212C - Final		
Designed By	Location			
	Description 1st			
	Checked By	Description 2nd		Language
Approved By	1st View		Version	Sheet 5 - 9

1	2	3	4	
A	Appearance			
	Background color	255, 255, 255	Background fill pattern	Solid
	Border color	0, 0, 0	Border width	1
	Line style	Solid	Foreground color	0, 0, 0
	Layout			
	Bottom margin	2	Fit to size	Unchecked
	Height	20	X position	8
	Left margin	2	Right margin	2
	Y position	5	Top margin	2
	Width	304		
	Text			
	Font	Tahoma, 12px	Horizontal alignment	Left
	Vertical alignment	Top		
	B	Limits		
Color for High limit violated		128, 128, 128	Color for Low limit violated	192, 192, 192
Miscellaneous				
Tooltip			Layer	0 - Layer_0
Name		Symbolic_IO_Field_Screen		
Security				
Authorization			Allow operator control	Checked
C		Dynamizations\Tag connection		
		Property name	Process value	Tag

D

E

F

Owner	Project name	Abastecimento de água V11 - 1212C - Final	Date	6/21/2012
Operator	Project Path	D:\Documents and Settings\Tiago\Desktop\Dissertação Mestrado V11\Abastecimento de água V11 - 1212C - Final		
	Location			
Designed By	Description 1st			
Checked By	Description 2nd	Language	en-US	
Approved By	1st View	Version	Sheet 5 - 10	

HMI_1 [KTP600 Basic mono PN] / Screens

Controlo de Circuitos de Rega

Hardcopy of Controlo de Circuitos de Rega



General			
Name	Controlo de Circuitos de Rega	Background color	192, 192, 192
Grid color	0, 0, 0	Number	7
Template		Tooltip	
Layers			
Active layer	0		

Specifies the layer.	Visible during configuration
Layer_0	Checked
Layer_1	Checked
Layer_2	Checked
Layer_3	Checked
Layer_4	Checked
Layer_5	Checked
Layer_6	Checked
Layer_7	Checked
Layer_8	Checked
Layer_9	Checked
Layer_10	Checked
Layer_11	Checked
Layer_12	Checked
Layer_13	Checked
Layer_14	Checked
Layer_15	Checked
Layer_16	Checked
Layer_17	Checked
Layer_18	Checked
Layer_19	Checked
Layer_20	Checked
Layer_21	Checked
Layer_22	Checked
Layer_23	Checked
Layer_24	Checked

Owner	Project name	Abastecimento de água V11 - 1212C - Final	Date	6/21/2012
	Operator	Project Path D:\Documents and Settings\Tiago\Desktop\Dissertação Mestrado V11\Abastecimento de água V11 - 1212C - Final		
Designed By	Location			
	Description 1st			
Checked By	Description 2nd		Language	en-US
Approved By	1st View	Version	Sheet 6 - 1	

1

2

3

4

A

Specifies the layer.	Visible during configuration
Layer_25	Checked
Layer_26	Checked
Layer_27	Checked
Layer_28	Checked
Layer_29	Checked
Layer_30	Checked
Layer_31	Checked

Text field_2

B

Type	Text field		
General			
Text	Circuito de Rega #1		
Appearance			
Background color	192, 192, 192	Background fill pattern	Solid
Border color	0, 0, 0	3D border style	Unchecked
Border width	1	Line style	None
Foreground color	0, 0, 0		
Layout			
Bottom margin	0	Fit to size	Unchecked
Height	24	X position	61
Left margin	0	Right margin	2
Y position	50	Top margin	2
Width	120		

C

Text			
Font	Tahoma, 11px, style=Bold	Horizontal alignment	Left
Line break	Unchecked	Vertical alignment	Top
Flashing			
Flashing	None		
Miscellaneous			
Layer	0 - Layer_0	Name	Text field_2

D

PlotLight_Round_N_Mono_7

Type	Switch		
General			
Label text	Switch	Mode	Switch with graphic
Value status ON	1	Process value	
Text OFF	0	Text ON	1
Appearance			
Background color	192, 192, 192	Foreground color	0, 0, 0
Design			
3D border style	Unchecked	Focus color	0, 0, 0
Layout			
Fit to size	Unchecked	Height	24
X position	235	Y position	49
Width	25		
Text			
Font	Tahoma, 16px	Horizontal alignment	Centered

E

Owner	Project name	Abastecimento de água V11 - 1212C - Final	Date	6/21/2012
Operator	Project Path	D:\Documents and Settings\Tiago\Desktop\Dissertação Mestrado V11\Abastecimento de água V11 - 1212C - Final		
Designed By	Description 1st	Location		
Checked By	Description 2nd	Language	en-US	
Approved By	1st View	Version	Sheet 6 - 2	

F

Vertical alignment Middle			
Limits			
Color for High limit violated	128, 128, 128	Color for Low limit violated	192, 192, 192
Miscellaneous			
Tooltip		Layer	0 - Layer_0
Name	PlotLight_Round_N_Mono_7		
Security			
Authorization		Allow operator control	Checked
Dynamizations\Tag connection			
Property name	Process value	Tag	VÁLVULA.CIRCUITO.REGA.1

Switch_1			
Type	Switch		
General			
Label text	Switch	Mode	Switch with graphic
Value status ON	1	Process value	
Text OFF	0	Text ON	1
Appearance			
Background color	255, 255, 255	Foreground color	0, 0, 0
Design			
3D border style	Checked	Focus color	0, 0, 0
Layout			
Fit to size	Unchecked	Height	32
X position	192	Y position	44
Width	32		
Text			
Font	Tahoma, 11px	Horizontal alignment	Centered

Vertical alignment Middle			
Limits			
Color for High limit violated	128, 128, 128	Color for Low limit violated	192, 192, 192
Miscellaneous			
Tooltip		Layer	0 - Layer_0
Name	Switch_1		
Security			
Authorization		Allow operator control	Checked
Dynamizations\Tag connection			
Property name	Process value	Tag	Backup Dados_circuito.1

Text field_1			
Type	Text field		
General			
Text	Circuito de Rega #2		
Appearance			
Background color	192, 192, 192	Background fill pattern	Solid
Border color	0, 0, 0	3D border style	Unchecked

Owner	Project name	Abastecimento de água V11 - 1212C - Final	Date	6/21/2012
	Operator	Project Path D:\Documents and Settings\Tiago\Desktop\Dissertação Mestrado V11\Abastecimento de água V11 - 1212C - Final		
Designed By	Location			
	Description 1st			
	Checked By		Description 2nd	
Approved By	Language		en-US	
	1st View		Version	Sheet 6 - 3

1		2		3		4		
A	Border width	1	Line style	None				
	Foreground color	0, 0, 0						
	Layout							
	Bottom margin	0	Fit to size	Unchecked				
	Height	24	X position	61				
	Left margin	0	Right margin	2				
	Y position	86	Top margin	2				
	Width	120						
	Text							
	Font	Tahoma, 11px, style=Bold		Horizontal alignment	Left			
Line break	Unchecked		Vertical alignment	Top				
Flashing								
Flashing	None							
Miscellaneous								
Layer	0 - Layer_0		Name	Text field_1				

PlotLight_Round_N_Mono_1

Type	Switch						
General							
Label text	Switch		Mode	Switch with graphic			
Value status ON	1		Process value				
Text OFF	0		Text ON	1			

Appearance							
Background color	192, 192, 192		Foreground color	0, 0, 0			
Design							
3D border style	Unchecked		Focus color	0, 0, 0			
Layout							
Fit to size	Unchecked		Height	24			
X position	235		Y position	85			
Width	25						

Text							
Font	Tahoma, 16px		Horizontal alignment	Centered			
Vertical alignment	Middle						

Limits							
Color for High limit violated	128, 128, 128		Color for Low limit violated	192, 192, 192			

Miscellaneous							
Tooltip							
Name	PlotLight_Round_N_Mono_1						
Layer	0 - Layer_0						

Security							
Authorization			Allow operator control	Checked			

Dynamizations\Tag connection							
Property name	Process value		Tag	VÁLVULA.CIRCUITO.REGA.2			

Switch_2

Type	Switch						
General							
Label text	Switch		Mode	Switch with graphic			

Owner	Project name Abastecimento de água V11 - 1212C - Final			Date 6/21/2012		
	Project Path D:\Documents and Settings\Tiago\Desktop\Dissertação Mestrado V11\Abastecimento de água V11 - 1212C - Final					
Operator	Location					
	Description 1st					
Designed By	Description 2nd		Language en-US			
Checked By	1st View		Version		Sheet 6 - 4	
Approved By						

	1	2	3	4
A	Value status ON	1	Process value	
	Text OFF	0	Text ON	1
	Appearance			
	Background color	255, 255, 255	Foreground color	0, 0, 0
	Design			
	3D border style	Checked	Focus color	0, 0, 0
	Layout			
	Fit to size	Unchecked	Height	32
	X position	192	Y position	80
	Width	32		
B	Text			
	Font	Tahoma, 11px	Horizontal alignment	Centered
	Vertical alignment	Middle		
	Limits			
	Color for High limit violated	128, 128, 128	Color for Low limit violated	192, 192, 192
	Miscellaneous			
	Tooltip		Layer	0 - Layer_0
	Name	Switch_2		
	Security			
	Authorization		Allow operator control	Checked
C	Dynamizations\Tag connection			
	Property name	Process value	Tag	Backup Dados_circuito.2
	Text field_3			
	Type	Text field		
	General			
	Text	Circuito de Rega #3		
	Appearance			
	Background color	192, 192, 192	Background fill pattern	Solid
	Border color	0, 0, 0	3D border style	Unchecked
	Border width	1	Line style	None
Foreground color	0, 0, 0			
D	Layout			
	Bottom margin	0	Fit to size	Unchecked
	Height	24	X position	61
	Left margin	0	Right margin	2
	Y position	120	Top margin	2
	Width	120		
	Text			
	Font	Tahoma, 11px, style=Bold	Horizontal alignment	Left
	Line break	Unchecked	Vertical alignment	Top
	Flashing			
Flashing	None			
E	Miscellaneous			
	Layer	0 - Layer_0	Name	Text field_3
	Owner			
	Project name	Abastecimento de água V11 - 1212C - Final		Date 6/21/2012
	Operator			
	Project Path	D:\Documents and Settings\Tiago\Desktop\Dissertação Mestrado V11\Abastecimento de água V11 - 1212C - Final		
	Location			
	Designed By			
	Description 1st			
	Checked By			
Description 2nd			Language en-US	
Approved By				
1st View			Version	
			Sheet 6 - 5	

F	Owner			
	Project name	Abastecimento de água V11 - 1212C - Final		Date 6/21/2012
	Operator			
	Project Path	D:\Documents and Settings\Tiago\Desktop\Dissertação Mestrado V11\Abastecimento de água V11 - 1212C - Final		
	Location			
	Designed By			
	Description 1st			
	Checked By			
	Description 2nd			Language en-US
	Approved By			
1st View			Version	
			Sheet 6 - 5	

PlotLight_Round_N_Mono_2

Type	Switch		
General			
Label text	Switch	Mode	Switch with graphic
Value status ON	1	Process value	
Text OFF	0	Text ON	1
Appearance			
Background color	192, 192, 192	Foreground color	0, 0, 0
Design			
3D border style	Unchecked	Focus color	0, 0, 0
Layout			
Fit to size	Unchecked	Height	24
X position	235	Y position	119
Width	25		
Text			
Font	Tahoma, 16px	Horizontal alignment	Centered
Vertical alignment	Middle		
Limits			
Color for High limit violated	128, 128, 128	Color for Low limit violated	192, 192, 192
Miscellaneous			
Tooltip		Layer	0 - Layer_0
Name	PlotLight_Round_N_Mono_2		
Security			
Authorization		Allow operator control	Checked
Dynamizations\Tag connection			
Property name	Process value	Tag	VÁLVULA.CIRCUITO.REGA.3

Switch_3

Type	Switch		
General			
Label text	Switch	Mode	Switch with graphic
Value status ON	1	Process value	
Text OFF	0	Text ON	1
Appearance			
Background color	255, 255, 255	Foreground color	0, 0, 0
Design			
3D border style	Checked	Focus color	0, 0, 0
Layout			
Fit to size	Unchecked	Height	32
X position	192	Y position	115
Width	32		
Text			
Font	Tahoma, 11px	Horizontal alignment	Centered
Vertical alignment	Middle		

Owner	Project name	Abastecimento de água V11 - 1212C - Final	Date	6/21/2012
	Operator	Project Path D:\Documents and Settings\Tiago\Desktop\Dissertação Mestrado V11\Abastecimento de água V11 - 1212C - Final		
Designed By	Location			
	Description 1st			
Checked By	Description 2nd		Language	en-US
Approved By	1st View	Version	Sheet 6 - 6	

A

Limits			
Color for High limit violated	128, 128, 128	Color for Low limit violated	192, 192, 192
Miscellaneous			
Tooltip		Layer	0 - Layer_0
Name	Switch_3		
Security			
Authorization		Allow operator control	Checked
Dynamizations\Tag connection			
Property name	Process value	Tag	Backup Dados_circuito.3

B

Text field_4

Type	Text field		
General			
Text	Circuito de Rega #4		
Appearance			
Background color	192, 192, 192	Background fill pattern	Solid
Border color	0, 0, 0	3D border style	Unchecked
Border width	1	Line style	None
Foreground color	0, 0, 0		
Layout			
Bottom margin	0	Fit to size	Unchecked
Height	24	X position	61
Left margin	0	Right margin	2
Y position	158	Top margin	2
Width	120		

C

Text			
Font	Tahoma, 11px, style=Bold	Horizontal alignment	Left
Line break	Unchecked	Vertical alignment	Top
Flashing			
Flashing	None		
Miscellaneous			
Layer	0 - Layer_0	Name	Text field_4

D

PlotLight_Round_N_Mono_3

Type	Switch		
General			
Label text	Switch	Mode	Switch with graphic
Value status ON	1	Process value	
Text OFF	0	Text ON	1
Appearance			
Background color	192, 192, 192	Foreground color	0, 0, 0
Design			
3D border style	Unchecked	Focus color	0, 0, 0
Layout			
Fit to size	Unchecked	Height	24
X position	235	Y position	157
Width	25		

E

F

Owner	Project name Abastecimento de água V11 - 1212C - Final	Date 6/21/2012
Operator	Project Path D:\Documents and Settings\Tiago\Desktop\Dissertação Mestrado V11\Abastecimento de água V11 - 1212C - Final	
Designed By	Location	
Checked By	Description 1st	Language en-US
Approved By	Description 2nd	Version
	1st View	Sheet 6 - 7

A

Text			
Font	Tahoma, 16px	Horizontal alignment	Centered
Vertical alignment	Middle		
Limits			
Color for High limit violated	128, 128, 128	Color for Low limit violated	192, 192, 192
Miscellaneous			
Tooltip		Layer	0 - Layer_0
Name	PlotLight_Round_N_Mono_3		
Security			
Authorization		Allow operator control	Checked
Dynamizations\Tag connection			
Property name	Process value	Tag	VÁLVULA.CIRCUITO.REGA.4

B

Switch_4			
-----------------	--	--	--

Type	Switch		
General			
Label text	Switch	Mode	Switch with graphic
Value status ON	1	Process value	
Text OFF	0	Text ON	1
Appearance			
Background color	255, 255, 255	Foreground color	0, 0, 0
Design			
3D border style	Checked	Focus color	0, 0, 0
Layout			
Fit to size	Unchecked	Height	32
X position	192	Y position	152
Width	32		

C

D

Text			
Font	Tahoma, 11px	Horizontal alignment	Centered
Vertical alignment	Middle		
Limits			
Color for High limit violated	128, 128, 128	Color for Low limit violated	192, 192, 192
Miscellaneous			
Tooltip		Layer	0 - Layer_0
Name	Switch_4		
Security			
Authorization		Allow operator control	Checked
Dynamizations\Tag connection			
Property name	Process value	Tag	Backup Dados_circuito.4

E

Text field_5			
Type	Text field		
General			
Text	Circuito de Rega #5		

F

Owner	Project name Abastecimento de água V11 - 1212C - Final	Date 6/21/2012
Operator	Project Path D:\Documents and Settings\Tiago\Desktop\Dissertação Mestrado V11\Abastecimento de água V11 - 1212C - Final	
	Location	
Designed By	Description 1st	
Checked By	Description 2nd	Language en-US
Approved By	1st View	Version
		Sheet 6 - 8

A

Appearance			
Background color	192, 192, 192	Background fill pattern	Solid
Border color	0, 0, 0	3D border style	Unchecked
Border width	1	Line style	None
Foreground color	0, 0, 0		

B

Layout			
Bottom margin	0	Fit to size	Unchecked
Height	24	X position	61
Left margin	0	Right margin	2
Y position	196	Top margin	2
Width	120		
Text			
Font	Tahoma, 11px, style=Bold	Horizontal alignment	Left
Line break	Unchecked	Vertical alignment	Top
Flashing			
Flashing	None		
Miscellaneous			
Layer	0 - Layer_0	Name	Text field_5

C

PlotLight_Round_N_Mono_4			
Type	Switch		
General			
Label text	Switch	Mode	Switch with graphic
Value status ON	1	Process value	
Text OFF	0	Text ON	1

D

Appearance			
Background color	192, 192, 192	Foreground color	0, 0, 0
Design			
3D border style	Unchecked	Focus color	0, 0, 0
Layout			
Fit to size	Unchecked	Height	24
X position	235	Y position	195
Width	25		
Text			
Font	Tahoma, 16px	Horizontal alignment	Centered
Vertical alignment	Middle		
Limits			
Color for High limit violated	128, 128, 128	Color for Low limit violated	192, 192, 192
Miscellaneous			
Tooltip		Layer	0 - Layer_0
Name	PlotLight_Round_N_Mono_4		

E

Security			
Authorization		Allow operator control	Checked
Dynamizations\Tag connection			
Property name	Process value	Tag	VÁLVULA.CIRCUITO.REGA.5

F

Owner	Project name	Abastecimento de água V11 - 1212C - Final	Date	6/21/2012
Operator	Project Path	D:\Documents and Settings\Tiago\Desktop\Dissertação Mestrado V11\Abastecimento de água V11 - 1212C - Final		
	Location			
Designed By	Description 1st			
Checked By	Description 2nd	Language	en-US	
Approved By	1st View	Version	Sheet 6 - 9	

1

2

3

4

A

Switch_5

Type	Switch		
General			
Label text	Switch	Mode	Switch with graphic
Value status ON	1	Process value	
Text OFF	0	Text ON	1
Appearance			
Background color	255, 255, 255	Foreground color	0, 0, 0
Design			
3D border style	Checked	Focus color	0, 0, 0
Layout			
Fit to size	Unchecked	Height	32
X position	192	Y position	190
Width	32		
Text			
Font	Tahoma, 11px	Horizontal alignment	Centered
Vertical alignment	Middle		
Limits			
Color for High limit violated	128, 128, 128	Color for Low limit violated	192, 192, 192
Miscellaneous			
Tooltip		Layer	0 - Layer_0
Name	Switch_5		
Security			
Authorization		Allow operator control	Checked
Dynamizations\Tag connection			
Property name	Process value	Tag	Backup Dados_circuito.5

B

C

D

E

Symbolic_IO_Field_Screen

Type	Symbolic I/O field		
General			
Bit number	0	Field length	20
Mode	Input/output	Value status ON	1
Process value	0	Text list	TextList_ScreenNames
Text OFF	0	Text ON	1
Appearance			
Background color	255, 255, 255	Background fill pattern	Solid
Border color	0, 0, 0	Border width	1
Line style	Solid	Foreground color	0, 0, 0
Layout			
Bottom margin	2	Fit to size	Unchecked
Height	20	X position	8
Left margin	2	Right margin	2
Y position	5	Top margin	2
Width	304		

Owner

Project name Abastecimento de água V11 - 1212C - Final

Date 6/21/2012

Operator

Project Path
D:\Documents and Settings\Tiago\Desktop\Dissertação Mestrado
V11\Abastecimento de água V11 - 1212C - Final

Location

Designed By

Description 1st

Checked By

Description 2nd

Language en-US

Approved By

1st View

Version

Sheet 6 - 10

F

1

2

3

4

A

Text			
Font	Tahoma, 12px	Horizontal alignment	Left
Vertical alignment	Top		
Limits			
Color for High limit violated	128, 128, 128	Color for Low limit violated	192, 192, 192
Miscellaneous			
Tooltip		Layer	0 - Layer_0
Name	Symbolic_IO_Field_Screen		
Security			
Authorization		Allow operator control	Checked
Dynamizations\Tag connection			
Property name	Process value	Tag	Tag_ScreenNumber

B

C

D

E

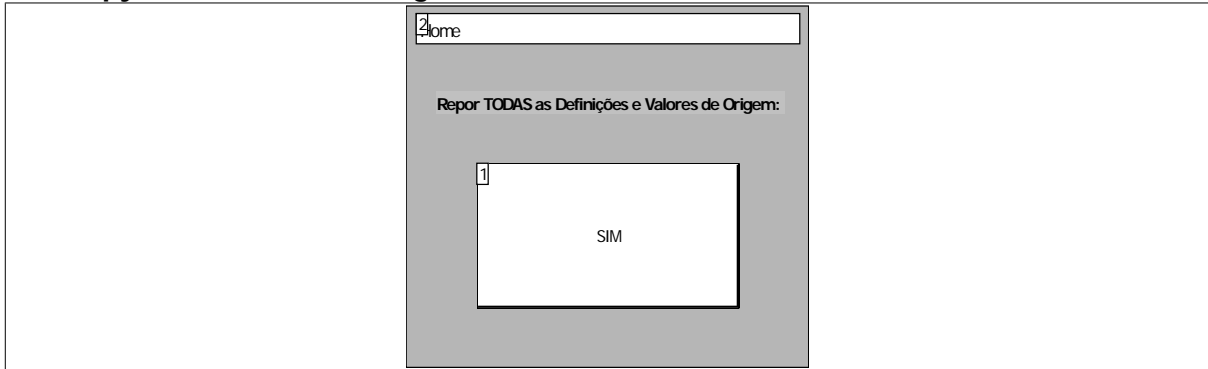
F

Owner	Project name	Abastecimento de água V11 - 1212C - Final	Date	6/21/2012
Operator	Project Path	D:\Documents and Settings\Tiago\Desktop\Dissertação Mestrado V11\Abastecimento de água V11 - 1212C - Final		
	Location			
Designed By	Description 1st			
Checked By	Description 2nd	Language	en-US	
Approved By	1st View	Version	Sheet 6 - 11	

HMI_1 [KTP600 Basic mono PN] / Screens

Definições de Origem

Hardcopy of Definições de Origem



General			
Name	Definições de Origem	Background color	192, 192, 192
Grid color	0, 0, 0	Number	10
Template		Tooltip	
Layers			
Active layer	0		

Specifies the layer.	Visible during configuration
Layer_0	Checked
Layer_1	Checked
Layer_2	Checked
Layer_3	Checked
Layer_4	Checked
Layer_5	Checked
Layer_6	Checked
Layer_7	Checked
Layer_8	Checked
Layer_9	Checked
Layer_10	Checked
Layer_11	Checked
Layer_12	Checked
Layer_13	Checked
Layer_14	Checked
Layer_15	Checked
Layer_16	Checked
Layer_17	Checked
Layer_18	Checked
Layer_19	Checked
Layer_20	Checked
Layer_21	Checked
Layer_22	Checked
Layer_23	Checked
Layer_24	Checked

Owner	Project name	Abastecimento de água V11 - 1212C - Final	Date	6/21/2012
	Operator	Project Path D:\Documents and Settings\Tiago\Desktop\Dissertação Mestrado V11\Abastecimento de água V11 - 1212C - Final		
Designed By	Location			
Checked By	Description 1st	Language en-US		
Approved By	Description 2nd	1st View	Version	Sheet 7 - 1

A

Specifies the layer.	Visible during configuration
Layer_25	Checked
Layer_26	Checked
Layer_27	Checked
Layer_28	Checked
Layer_29	Checked
Layer_30	Checked
Layer_31	Checked

B

Text field_1

Type	Text field		
General			
Text	Repor TODAS as Definições e Valores de Origem:		
Appearance			
Background color	192, 192, 192	Background fill pattern	Solid
Border color	0, 0, 0	3D border style	Unchecked
Border width	1	Line style	None
Foreground color	0, 0, 0		
Layout			
Bottom margin	0	Fit to size	Checked
Height	15	X position	24
Left margin	0	Right margin	2
Y position	56	Top margin	2
Width	276		
Text			
Font	Tahoma, 11px, style=Bold	Horizontal alignment	Left
Line break	Unchecked	Vertical alignment	Top
Flashing			
Flashing	None		
Miscellaneous			
Layer	0 - Layer_0	Name	Text field_1

C

D

Switch_1

Type	Switch		
General			
Label text	Switch	Mode	Switch with text
Value status ON	1	Process value	
Text OFF	SIM	Text ON	SIM
Appearance			
Background color	255, 255, 255	Foreground color	0, 0, 0
Design			
3D border style	Checked	Focus color	0, 0, 0
Layout			
Fit to size	Unchecked	Height	96
X position	56	Y position	104
Width	208		

E

F

Owner	Project name Abastecimento de água V11 - 1212C - Final	Date 6/21/2012
Operator	Project Path D:\Documents and Settings\Tiago\Desktop\Dissertação Mestrado V11\Abastecimento de água V11 - 1212C - Final	
	Location	
Designed By	Description 1st	
Checked By	Description 2nd	Language en-US
Approved By	1st View	Version
		Sheet 7 - 2

A

Text			
Font	Tahoma, 11px	Horizontal alignment	Centered
Vertical alignment	Middle		
Limits			
Color for High limit violated	128, 128, 128	Color for Low limit violated	192, 192, 192
Miscellaneous			
Tooltip		Layer	0 - Layer_0
Name	Switch_1		
Security			
Authorization	Operate	Allow operator control	Checked
Dynamizations\Tag connection			
Property name	Process value	Tag	RESET.DEFINICOES.ORIGEM

B

Symbolic_IO_Field_Screen			
---------------------------------	--	--	--

Type	Symbolic I/O field		
General			
Bit number	0	Field length	20
Mode	Input/output	Value status ON	1
Process value	0	Text list	TextList_ScreenNames
Text OFF	0	Text ON	1

C

Appearance			
Background color	255, 255, 255	Background fill pattern	Solid
Border color	0, 0, 0	Border width	1
Line style	Solid	Foreground color	0, 0, 0
Layout			
Bottom margin	2	Fit to size	Unchecked
Height	20	X position	8
Left margin	2	Right margin	2
Y position	5	Top margin	2
Width	304		

D

Text			
Font	Tahoma, 12px	Horizontal alignment	Left
Vertical alignment	Top		
Limits			
Color for High limit violated	128, 128, 128	Color for Low limit violated	192, 192, 192
Miscellaneous			
Tooltip		Layer	0 - Layer_0
Name	Symbolic_IO_Field_Screen		
Security			
Authorization		Allow operator control	Checked
Dynamizations\Tag connection			
Property name	Process value	Tag	Tag_ScreenNumber

E

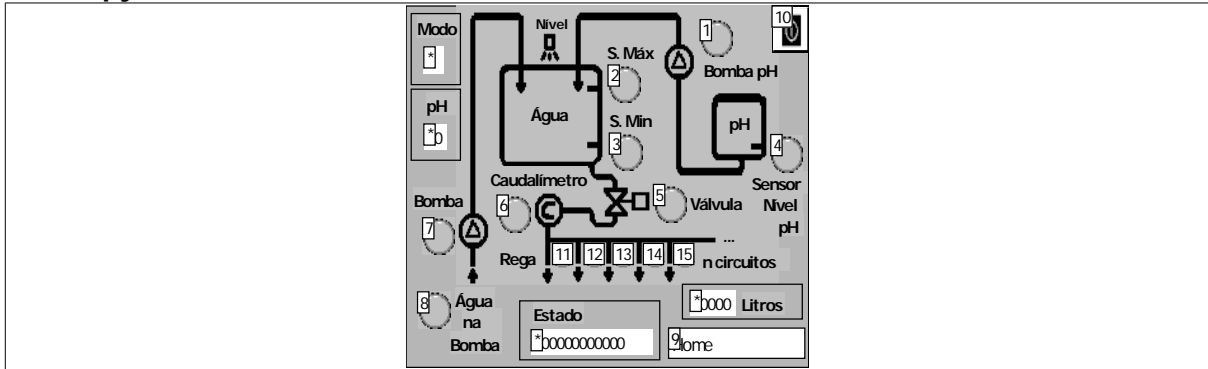
F

Owner	Project name Abastecimento de água V11 - 1212C - Final	Date 6/21/2012
	Operator	
Designed By	Project Path D:\Documents and Settings\Tiago\Desktop\Dissertação Mestrado V11\Abastecimento de água V11 - 1212C - Final	
	Location	
Checked By	Description 1st	Language en-US
Approved By	Description 2nd	Version
	1st View	Sheet 7 - 3

HMI_1 [KTP600 Basic mono PN] / Screens

Home

Hardcopy of Home



General			
Name	Home	Background color	192, 192, 192
Grid color	0, 0, 0	Number	1
Template		Tooltip	

Layers	
Active layer	0

Specifies the layer.	Visible during configuration
Layer_0	Checked
Layer_1	Checked
Layer_2	Checked
Layer_3	Checked
Layer_4	Checked
Layer_5	Checked
Layer_6	Checked
Layer_7	Checked
Layer_8	Checked
Layer_9	Checked
Layer_10	Checked
Layer_11	Checked
Layer_12	Checked
Layer_13	Checked
Layer_14	Checked
Layer_15	Checked
Layer_16	Checked
Layer_17	Checked
Layer_18	Checked
Layer_19	Checked
Layer_20	Checked
Layer_21	Checked
Layer_22	Checked
Layer_23	Checked
Layer_24	Checked

Owner	Project name	Abastecimento de água V11 - 1212C - Final	Date	6/21/2012
	Operator	Project Path D:\Documents and Settings\Tiago\Desktop\Dissertação Mestrado V11\Abastecimento de água V11 - 1212C - Final		
Designed By	Location			
	Description 1st			
Checked By	Description 2nd		Language	en-US
Approved By	1st View	Version	Sheet 8 - 1	

A

Specifies the layer.	Visible during configuration
Layer_25	Checked
Layer_26	Checked
Layer_27	Checked
Layer_28	Checked
Layer_29	Checked
Layer_30	Checked
Layer_31	Checked

B

Graphic view			
Type	Graphic view		
General			
Graphic	Graphic_10		
Appearance			
Background color	255, 255, 255	Border color	0, 0, 0
Border width	1	Line style	None
Layout			
Fit to size	Unchecked	Height	184
X position	40	Y position	0
Width	255		
Miscellaneous			
Layer	0 - Layer_0	Name	Graphic view

C

Text field_1			
Type	Text field		
General			
Text	Rega		
Appearance			
Background color	192, 192, 192	Background fill pattern	Solid
Border color	0, 0, 0	3D border style	Unchecked
Border width	1	Line style	None
Foreground color	0, 0, 0		
Layout			
Bottom margin	0	Fit to size	Unchecked
Height	15	X position	74
Left margin	0	Right margin	2
Y position	158	Top margin	2
Width	32		
Text			
Font	Tahoma, 11px, style=Bold	Horizontal alignment	Left
Line break	Unchecked	Vertical alignment	Top
Flashing			
Flashing	None		
Miscellaneous			
Layer	0 - Layer_0	Name	Text field_1

D

E

Text field_13	
Type	Text field

F

Owner	Project name	Abastecimento de água V11 - 1212C - Final	Date	6/21/2012
Operator	Project Path	D:\Documents and Settings\Tiago\Desktop\Dissertação Mestrado V11\Abastecimento de água V11 - 1212C - Final		
Designed By	Description 1st	Location		
Checked By	Description 2nd	Language	en-US	
Approved By	1st View	Version	Sheet 8 - 2	

1

2

3

4

A

General			
Text	pH		
Appearance			
Background color	192, 192, 192	Background fill pattern	Solid
Border color	0, 0, 0	3D border style	Unchecked
Border width	1	Line style	None
Foreground color	0, 0, 0		
Layout			
Bottom margin	0	Fit to size	Unchecked
Height	15	X position	256
Left margin	0	Right margin	2
Y position	69	Top margin	2
Width	20		
Text			
Font	Tahoma, 11px, style=Bold	Horizontal alignment	Left
Line break	Unchecked	Vertical alignment	Top
Flashing			
Flashing	None		
Miscellaneous			
Layer	0 - Layer_0	Name	Text field_13

B

C

Text field_12

Type	Text field		
General			
Text	Nível		
Appearance			
Background color	192, 192, 192	Background fill pattern	Solid
Border color	0, 0, 0	3D border style	Unchecked
Border width	1	Line style	None
Foreground color	0, 0, 0		
Layout			
Bottom margin	0	Fit to size	Checked
Height	15	X position	283
Left margin	0	Right margin	2
Y position	123	Top margin	2
Width	31		
Text			
Font	Tahoma, 11px, style=Bold	Horizontal alignment	Left
Line break	Unchecked	Vertical alignment	Top
Flashing			
Flashing	None		
Miscellaneous			
Layer	0 - Layer_0	Name	Text field_12

D

E

Text field_4

Type	Text field
-------------	------------

F

Owner	Project name Abastecimento de água V11 - 1212C - Final	Date 6/21/2012
Operator	Project Path D:\Documents and Settings\Tiago\Desktop\Dissertação Mestrado V11\Abastecimento de água V11 - 1212C - Final	
Designed By	Description 1st	
Checked By	Description 2nd	Language en-US
Approved By	1st View	Version
		Sheet 8 - 3

1

2

3

4

A

General			
Text	Bomba		
Appearance			
Background color	192, 192, 192	Background fill pattern	Solid
Border color	0, 0, 0	3D border style	Unchecked
Border width	1	Line style	None
Foreground color	0, 0, 0		
Layout			
Bottom margin	0	Fit to size	Checked
Height	15	X position	35
Left margin	0	Right margin	2
Y position	215	Top margin	2
Width	41		
Text			
Font	Tahoma, 11px, style=Bold	Horizontal alignment	Left
Line break	Unchecked	Vertical alignment	Top
Flashing			
Flashing	None		
Miscellaneous			
Layer	0 - Layer_0	Name	Text field_4

B

C

Text field_3			
Type	Text field		
General			
Text	na		
Appearance			
Background color	192, 192, 192	Background fill pattern	Solid
Border color	0, 0, 0	3D border style	Unchecked
Border width	1	Line style	None
Foreground color	0, 0, 0		
Layout			
Bottom margin	0	Fit to size	Checked
Height	15	X position	45
Left margin	0	Right margin	2
Y position	200	Top margin	2
Width	31		
Text			
Font	Tahoma, 11px, style=Bold	Horizontal alignment	Left
Line break	Unchecked	Vertical alignment	Top
Flashing			
Flashing	None		
Miscellaneous			
Layer	0 - Layer_0	Name	Text field_3

D

E

Text field_2			
Type	Text field		

F

Owner	Project name Abastecimento de água V11 - 1212C - Final	Date 6/21/2012
Operator	Project Path D:\Documents and Settings\Tiago\Desktop\Dissertação Mestrado V11\Abastecimento de água V11 - 1212C - Final	
Designed By	Location	
Checked By	Description 1st	Language en-US
Approved By	Description 2nd	Version
	1st View	Sheet 8 - 4

1

2

3

4

A

General			
Text	Água		
Appearance			
Background color	192, 192, 192	Background fill pattern	Solid
Border color	0, 0, 0	3D border style	Unchecked
Border width	1	Line style	None
Foreground color	0, 0, 0		
Layout			
Bottom margin	0	Fit to size	Checked
Height	15	X position	39
Left margin	0	Right margin	2
Y position	186	Top margin	2
Width	31		
Text			
Font	Tahoma, 11px, style=Bold	Horizontal alignment	Left
Line break	Unchecked	Vertical alignment	Top
Flashing			
Flashing	None		
Miscellaneous			
Layer	0 - Layer_0	Name	Text field_2

B

C

Text field_6			
Type	Text field		
General			
Text	S. Máx		
Appearance			
Background color	192, 192, 192	Background fill pattern	Solid
Border color	0, 0, 0	3D border style	Unchecked
Border width	1	Line style	None
Foreground color	0, 0, 0		
Layout			
Bottom margin	0	Fit to size	Checked
Height	15	X position	159
Left margin	0	Right margin	2
Y position	22	Top margin	2
Width	39		
Text			
Font	Tahoma, 11px, style=Bold	Horizontal alignment	Left
Line break	Unchecked	Vertical alignment	Top
Flashing			
Flashing	None		
Miscellaneous			
Layer	0 - Layer_0	Name	Text field_6

D

E

Text field_7	
Type	Text field

F

Owner	Project name Abastecimento de água V11 - 1212C - Final	Date 6/21/2012
Operator	Project Path D:\Documents and Settings\Tiago\Desktop\Dissertação Mestrado V11\Abastecimento de água V11 - 1212C - Final	
Designed By	Description 1st	
Checked By	Description 2nd	Language en-US
Approved By	1st View	Version Sheet 8 - 5

1

2

3

4

A

General			
Text	S. Min		
Appearance			
Background color	192, 192, 192	Background fill pattern	Solid
Border color	0, 0, 0	3D border style	Unchecked
Border width	1	Line style	None
Foreground color	0, 0, 0		
Layout			
Bottom margin	0	Fit to size	Checked
Height	15	X position	161
Left margin	0	Right margin	2
Y position	67	Top margin	2
Width	35		
Text			
Font	Tahoma, 11px, style=Bold	Horizontal alignment	Left
Line break	Unchecked	Vertical alignment	Top
Flashing			
Flashing	None		
Miscellaneous			
Layer	0 - Layer_0	Name	Text field_7

B

C

Text field_8			
Type	Text field		
General			
Text	Válvula		
Appearance			
Background color	192, 192, 192	Background fill pattern	Solid
Border color	0, 0, 0	3D border style	Unchecked
Border width	1	Line style	None
Foreground color	0, 0, 0		
Layout			
Bottom margin	0	Fit to size	Checked
Height	15	X position	225
Left margin	0	Right margin	2
Y position	122	Top margin	2
Width	43		
Text			
Font	Tahoma, 11px, style=Bold	Horizontal alignment	Left
Line break	Unchecked	Vertical alignment	Top
Flashing			
Flashing	None		
Miscellaneous			
Layer	0 - Layer_0	Name	Text field_8

D

E

Text field_10	
Type	Text field

F

Owner	Project name	Abastecimento de água V11 - 1212C - Final	Date	6/21/2012
Operator	Project Path	D:\Documents and Settings\Tiago\Desktop\Dissertação Mestrado V11\Abastecimento de água V11 - 1212C - Final		
Designed By	Description 1st	Location		
Checked By	Description 2nd	Language	en-US	
Approved By	1st View	Version	Sheet 8 - 6	

1

2

3

4

A

General			
Text	Bomba pH		
Appearance			
Background color	192, 192, 192	Background fill pattern	Solid
Border color	0, 0, 0	3D border style	Unchecked
Border width	1	Line style	None
Foreground color	0, 0, 0		
Layout			
Bottom margin	0	Fit to size	Checked
Height	15	X position	236
Left margin	0	Right margin	2
Y position	34	Top margin	2
Width	59		
Text			
Font	Tahoma, 11px, style=Bold	Horizontal alignment	Left
Line break	Unchecked	Vertical alignment	Top
Flashing			
Flashing	None		
Miscellaneous			
Layer	0 - Layer_0	Name	Text field_10

B

C

Text field_11			
Type	Text field		
General			
Text	Sensor		
Appearance			
Background color	192, 192, 192	Background fill pattern	Solid
Border color	0, 0, 0	3D border style	Unchecked
Border width	1	Line style	None
Foreground color	0, 0, 0		
Layout			
Bottom margin	0	Fit to size	Checked
Height	15	X position	274
Left margin	0	Right margin	2
Y position	109	Top margin	2
Width	44		
Text			
Font	Tahoma, 11px, style=Bold	Horizontal alignment	Left
Line break	Unchecked	Vertical alignment	Top
Flashing			
Flashing	None		
Miscellaneous			
Layer	0 - Layer_0	Name	Text field_11

D

E

Text field_14	
Type	Text field

F

Owner	Project name	Abastecimento de água V11 - 1212C - Final	Date	6/21/2012
Operator	Project Path	D:\Documents and Settings\Tiago\Desktop\Dissertação Mestrado V11\Abastecimento de água V11 - 1212C - Final		
Designed By	Description 1st	Location		
Checked By	Description 2nd	Language	en-US	
Approved By	1st View	Version	Sheet 8 - 7	

1		2		3		4	
A	General						
	Text	Água					
B	Appearance						
	Background color	192, 192, 192		Background fill pattern	Solid		
	Border color	0, 0, 0		3D border style	Unchecked		
	Border width	1		Line style	None		
	Foreground color	0, 0, 0					
	Layout						
	Bottom margin	0		Fit to size	Unchecked		
	Height	24		X position	99		
	Left margin	0		Right margin	2		
	Y position	63		Top margin	2		
C	Text						
	Font	Tahoma, 11px, style=Bold		Horizontal alignment	Left		
	Line break	Unchecked		Vertical alignment	Top		
	Flashing						
	Flashing	None					
	Miscellaneous						
	Layer	0 - Layer_0		Name	Text field_14		
	PlotLight_Round_N_Mono_1						
	Type	Switch					
	D	General					
Label text		Switch		Mode	Switch with graphic		
Value status ON		1		Process value			
Text OFF		0		Text ON	1		
Appearance							
Background color		192, 192, 192		Foreground color	0, 0, 0		
Design							
3D border style		Unchecked		Focus color	0, 0, 0		
Layout							
Fit to size		Unchecked		Height	24		
X position	233		Y position	9			
E	Text						
	Font	Tahoma, 16px		Horizontal alignment	Centered		
	Vertical alignment	Middle					
	Limits						
	Color for High limit violated	128, 128, 128		Color for Low limit violated	192, 192, 192		
	Miscellaneous						
	Tooltip			Layer	0 - Layer_0		
	Name	PlotLight_Round_N_Mono_1					
	Security						
	Authorization			Allow operator control	Checked		

F	Owner	Project name	Abastecimento de água V11 - 1212C - Final	Date	6/21/2012
	Operator	Project Path	D:\Documents and Settings\Tiago\Desktop\Dissertação Mestrado V11\Abastecimento de água V11 - 1212C - Final		
		Location			
	Designed By	Description 1st			
	Checked By	Description 2nd	Language	en-US	
	Approved By	1st View	Version	Sheet 8 - 8	

A

Dynamizations\Tag connection			
Property name	Process value	Tag	MOTOR.PH

PlotLight_Round_N_Mono_2

Type	Switch		
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General

Label text	Switch	Mode	Switch with graphic
Value status ON	1	Process value	
Text OFF	0	Text ON	1

Appearance

Background color	192, 192, 192	Foreground color	0, 0, 0
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Design

3D border style	Unchecked	Focus color	0, 0, 0
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Layout

Fit to size	Unchecked	Height	24
X position	160	Y position	39
Width	25		

Text

Font	Tahoma, 16px	Horizontal alignment	Centered
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Vertical alignment	Middle		
--------------------	--------	--	--

Limits

Color for High limit violated	128, 128, 128	Color for Low limit violated	192, 192, 192
-------------------------------	---------------	------------------------------	---------------

Miscellaneous

Tooltip		Layer	0 - Layer_0
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Name	PlotLight_Round_N_Mono_2		
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Security

Authorization		Allow operator control	Checked
---------------	--	------------------------	---------

B

C

D

E

Dynamizations\Tag connection			
Property name	Process value	Tag	S.NIVEL.MAXIMO.SEGURANCA

PlotLight_Round_N_Mono_3

Type	Switch		
------	--------	--	--

General

Label text	Switch	Mode	Switch with graphic
Value status ON	1	Process value	
Text OFF	0	Text ON	1

Appearance

Background color	192, 192, 192	Foreground color	0, 0, 0
------------------	---------------	------------------	---------

Design

3D border style	Unchecked	Focus color	0, 0, 0
-----------------	-----------	-------------	---------

Layout

Fit to size	Unchecked	Height	24
X position	161	Y position	84
Width	25		

Text

Font	Tahoma, 16px	Horizontal alignment	Centered
------	--------------	----------------------	----------

Vertical alignment	Middle		
--------------------	--------	--	--

F

Owner	Project name	Abastecimento de água V11 - 1212C - Final	Date	6/21/2012
Operator	Project Path	D:\Documents and Settings\Tiago\Desktop\Dissertação Mestrado V11\Abastecimento de água V11 - 1212C - Final		
Designed By	Description 1st			
Checked By	Description 2nd	Language	en-US	
Approved By	1st View	Version	Sheet 8 - 9	

A

Limits			
Color for High limit violated	128, 128, 128	Color for Low limit violated	192, 192, 192
Miscellaneous			
Tooltip		Layer	0 - Layer_0
Name	PlotLight_Round_N_Mono_3		
Security			
Authorization		Allow operator control	Checked
Dynamizations\Tag connection			
Property name	Process value	Tag	S.NIVEL.MINIMO.SEGURANCA

B

PlotLight_Round_N_Mono_4			
Type	Switch		
General			
Label text	Switch	Mode	Switch with graphic
Value status ON	1	Process value	
Text OFF	0	Text ON	1
Appearance			
Background color	192, 192, 192	Foreground color	0, 0, 0
Design			
3D border style	Unchecked	Focus color	0, 0, 0
Layout			
Fit to size	Unchecked	Height	24
X position	289	Y position	85
Width	25		
Text			
Font	Tahoma, 16px	Horizontal alignment	Centered
Vertical alignment	Middle		

C

D

Limits			
Color for High limit violated	128, 128, 128	Color for Low limit violated	192, 192, 192
Miscellaneous			
Tooltip		Layer	0 - Layer_0
Name	PlotLight_Round_N_Mono_4		
Security			
Authorization		Allow operator control	Checked
Dynamizations\Tag connection			
Property name	Process value	Tag	SENSOR.NIVEL.PH

E

PlotLight_Round_N_Mono_5			
Type	Switch		
General			
Label text	Switch	Mode	Switch with graphic
Value status ON	1	Process value	
Text OFF	0	Text ON	1
Appearance			
Background color	192, 192, 192	Foreground color	0, 0, 0

F

Owner	Project name	Abastecimento de água V11 - 1212C - Final	Date	6/21/2012
	Operator	Project Path D:\Documents and Settings\Tiago\Desktop\Dissertação Mestrado V11\Abastecimento de água V11 - 1212C - Final		
Designed By	Location			
	Description 1st			
Checked By	Description 2nd		Language	en-US
Approved By	1st View	Version	Sheet 8 - 10	

1		2		3		4		
A	Design							
	3D border style	Unchecked	Focus color	0, 0, 0				
	Layout							
	Fit to size	Unchecked	Height	24				
	X position	196	Y position	118				
	Width	25						
	Text							
	Font	Tahoma, 16px		Horizontal alignment	Centered			
	Vertical alignment	Middle						
	Limits							
	Color for High limit violated	128, 128, 128		Color for Low limit violated	192, 192, 192			
	Miscellaneous							
	Tooltip			Layer	0 - Layer_0			
	Name	PlotLight_Round_N_Mono_5						
	Security							
Authorization			Allow operator control	Checked				
Dynamizations\Tag connection								
Property name	Process value		Tag	SAIDA.VALVULA				

PlotLight_Round_N_Mono_6

C	Type	Switch						
	General							
	Label text	Switch		Mode	Switch with graphic			
	Value status ON	1		Process value				
	Text OFF	0		Text ON	1			
	Appearance							
	Background color	192, 192, 192		Foreground color	0, 0, 0			
	Design							
	3D border style	Unchecked		Focus color	0, 0, 0			
	Layout							
	Fit to size	Unchecked		Height	24			
	X position	72		Y position	125			
	Width	25						
	Text							
	Font	Tahoma, 16px		Horizontal alignment	Centered			
Vertical alignment	Middle							
Limits								
Color for High limit violated	128, 128, 128		Color for Low limit violated	192, 192, 192				
Miscellaneous								
Tooltip			Layer	0 - Layer_0				
Name	PlotLight_Round_N_Mono_6							
Security								
Authorization			Allow operator control	Checked				
Dynamizations\Tag connection								
Property name	Process value		Tag	CAUDALIMETRO				

F	Owner	Project name	Abastecimento de água V11 - 1212C - Final		Date	6/21/2012
	Operator	Project Path	D:\Documents and Settings\Tiago\Desktop\Dissertação Mestrado V11\Abastecimento de água V11 - 1212C - Final			
	Designed By	Description 1st				
	Checked By	Description 2nd	Language	en-US		
	Approved By	1st View	Version	Sheet 8 - 11		

1	2	3	4
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A

PlotLight_Round_N_Mono_7			
Type	Switch		
General			
Label text	Switch	Mode	Switch with graphic
Value status ON	1	Process value	
Text OFF	0	Text ON	1
Appearance			
Background color	192, 192, 192	Foreground color	0, 0, 0
Design			
3D border style	Unchecked	Focus color	0, 0, 0
Layout			
Fit to size	Unchecked	Height	24
X position	13	Y position	140
Width	25		
Text			
Font	Tahoma, 16px	Horizontal alignment	Centered
Vertical alignment	Middle		
Limits			
Color for High limit violated	128, 128, 128	Color for Low limit violated	192, 192, 192
Miscellaneous			
Tooltip		Layer	0 - Layer_0
Name	PlotLight_Round_N_Mono_7		
Security			
Authorization		Allow operator control	Checked
Dynamizations\Tag connection			
Property name	Process value	Tag	BOMBA

B

C

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E

PlotLight_Round_N_Mono_8			
Type	Switch		
General			
Label text	Switch	Mode	Switch with graphic
Value status ON	1	Process value	
Text OFF	0	Text ON	1
Appearance			
Background color	192, 192, 192	Foreground color	0, 0, 0
Design			
3D border style	Unchecked	Focus color	0, 0, 0
Layout			
Fit to size	Unchecked	Height	24
X position	9	Y position	189
Width	25		
Text			
Font	Tahoma, 16px	Horizontal alignment	Centered
Vertical alignment	Middle		

F

Owner	Project name Abastecimento de água V11 - 1212C - Final	Date 6/21/2012
Operator	Project Path D:\Documents and Settings\Tiago\Desktop\Dissertação Mestrado V11\Abastecimento de água V11 - 1212C - Final	
Designed By	Location	
Checked By	Description 1st	Language en-US
Approved By	Description 2nd	Version
	1st View	Sheet 8 - 12

A

Limits			
Color for High limit violated	128, 128, 128	Color for Low limit violated	192, 192, 192
Miscellaneous			
Tooltip		Layer	0 - Layer_0
Name	PlotLight_Round_N_Mono_8		
Security			
Authorization		Allow operator control	Checked
Dynamizations\Tag connection			
Property name	Process value	Tag	S.AGUA.BOMBA

B

Text field_15			
Type	Text field		
General			
Text	Estado		
Appearance			
Background color	192, 192, 192	Background fill pattern	Solid
Border color	0, 0, 0	3D border style	Unchecked
Border width	1	Line style	None
Foreground color	0, 0, 0		
Layout			
Bottom margin	0	Fit to size	Checked
Height	15	X position	101
Left margin	0	Right margin	2
Y position	195	Top margin	2
Width	40		
Text			
Font	Tahoma, 11px, style=Bold	Horizontal alignment	Left
Line break	Unchecked	Vertical alignment	Top
Flashing			
Flashing	None		
Miscellaneous			
Layer	0 - Layer_0	Name	Text field_15

C

D

I/O field_5			
Type	I/O field		
General			
Display format	String	Field length	12
Format pattern	???????????	Mode	Output
Process value		Shift decimal point	0
Show leading zeros	Unchecked		
Appearance			
Background color	255, 255, 255	Background fill pattern	Solid
Border color	0, 0, 0	3D border style	Unchecked
Line style	None		
Unit			

E

F

Owner	Project name Abastecimento de água V11 - 1212C - Final	Date 6/21/2012
Operator	Project Path D:\Documents and Settings\Tiago\Desktop\Dissertação Mestrado V11\Abastecimento de água V11 - 1212C - Final	
	Location	
Designed By	Description 1st	
Checked By	Description 2nd	Language en-US
Approved By	1st View	Version
		Sheet 8 - 13

A

Characteristics			
Hidden input	Unchecked		
Layout			
Bottom margin	2	Fit to size	Unchecked
Height	17	X position	99
Left margin	2	Right margin	2
Y position	214	Top margin	2
Width	96		

B

Text				
Font	Tahoma, 11px		Horizontal alignment	Left
Line break	Unchecked		Vertical alignment	Top
Limits				
Color for High limit violated	128, 128, 128		Color for Low limit violated	192, 192, 192
Miscellaneous				
Tooltip		Layer	0 - Layer_0	
Name	I/O field_5			
Security				
Authorization		Allow operator control	Checked	

C

Dynamizations\Tag connection				
Property name	Process value	Tag	Estado Funcionamento_Estado	
Symbolic_IO_Field_Screen				
Type	Symbolic I/O field			

D

General				
Bit number	0	Field length	20	
Mode	Input/output		Value status ON	1
Process value	0	Text list	TextList_ScreenNames	
Text OFF	0	Text ON	1	
Appearance				
Background color	255, 255, 255		Background fill pattern	Solid
Border color	0, 0, 0		Border width	1
Line style	Solid		Foreground color	0, 0, 0
Layout				
Bottom margin	2	Fit to size	Unchecked	
Height	20	X position	208	
Left margin	2	Right margin	2	
Y position	213	Top margin	2	
Width	108			

E

Text				
Font	Tahoma, 12px		Horizontal alignment	Left
Vertical alignment	Top			
Limits				
Color for High limit violated	128, 128, 128		Color for Low limit violated	192, 192, 192
Miscellaneous				
Tooltip		Layer	0 - Layer_0	

F

Owner	Project name	Abastecimento de água V11 - 1212C - Final	Date	6/21/2012
Operator	Project Path	D:\Documents and Settings\Tiago\Desktop\Dissertação Mestrado V11\Abastecimento de água V11 - 1212C - Final		
Designed By	Description 1st			
Checked By	Description 2nd	Language	en-US	
Approved By	1st View	Version	Sheet 8 - 14	

A

Name	Symbolic_IO_Field_Screen		
Security			
Authorization		Allow operator control	Checked
Dynamizations\Tag connection			
Property name	Process value	Tag	Tag_ScreenNumber

B

Text field_16			
Type	Text field		
General			
Text	Modo		
Appearance			
Background color	192, 192, 192	Background fill pattern	Solid
Border color	0, 0, 0	3D border style	Unchecked
Border width	1	Line style	None
Foreground color	0, 0, 0		
Layout			
Bottom margin	0	Fit to size	Checked
Height	15	X position	9
Left margin	0	Right margin	2
Y position	6	Top margin	2
Width	33		

C

Text			
Font	Tahoma, 11px, style=Bold	Horizontal alignment	Left
Line break	Unchecked	Vertical alignment	Top
Flashing			
Flashing	None		
Miscellaneous			
Layer	0 - Layer_0	Name	Text field_16

D

I/O field_2				
Type	I/O field			
General				
Display format	Decimal	Field length	1	
Format pattern	9	Mode	Output	
Process value		Shift decimal point	0	
Show leading zeros	Unchecked			
Appearance				
Background color	255, 255, 255	Background fill pattern	Solid	
Border color	0, 0, 0	3D border style	Unchecked	
Line style	None		Foreground color	0, 0, 0
Unit				
Characteristics				
Hidden input	Unchecked			
Layout				
Bottom margin	2	Fit to size	Unchecked	
Height	18	X position	14	
Left margin	2	Right margin	2	

E

F

Owner	Project name Abastecimento de água V11 - 1212C - Final	Date 6/21/2012
Operator	Project Path D:\Documents and Settings\Tiago\Desktop\Dissertação Mestrado V11\Abastecimento de água V11 - 1212C - Final	
	Location	
Designed By	Description 1st	
Checked By	Description 2nd	Language en-US
Approved By	1st View	Version
		Sheet 8 - 15

	1	2	3	4
A	Y position	27	Top margin	2
	Width	16		
B	Text			
	Font	Tahoma, 11px	Horizontal alignment	Left
	Line break	Unchecked	Vertical alignment	Top
	Limits			
	Color for High limit violated	128, 128, 128	Color for Low limit violated	192, 192, 192
	Miscellaneous			
	Tooltip		Layer	0 - Layer_0
	Name	I/O field_2		
	Security			
	Authorization	Operate	Allow operator control	Checked
Dynamizations\Tag connection				
Property name	Process value	Tag	Backup Dados_opcao.modofuncionamento	

I/O field_3

	Type	I/O field		
C	General			
	Display format	Decimal	Field length	2
	Format pattern	99	Mode	Output
	Process value		Shift decimal point	0
	Show leading zeros	Unchecked		
	Appearance			
	Background color	255, 255, 255	Background fill pattern	Solid
	Border color	0, 0, 0	3D border style	Unchecked
	Line style	None	Foreground color	0, 0, 0
	Unit			
Characteristics				
Hidden input	Unchecked			
Layout				
Bottom margin	2	Fit to size	Checked	
Height	17	X position	14	
Left margin	2	Right margin	2	
Y position	78	Top margin	2	
Width	18			
Text				
Font	Tahoma, 11px	Horizontal alignment	Left	
Line break	Unchecked	Vertical alignment	Top	
Limits				
Color for High limit violated	128, 128, 128	Color for Low limit violated	192, 192, 192	
Miscellaneous				
Tooltip		Layer	0 - Layer_0	
Name	I/O field_3			

F	Owner	Project name	Abastecimento de água V11 - 1212C - Final	Date	6/21/2012
	Operator	Project Path	D:\Documents and Settings\Tiago\Desktop\Dissertação Mestrado V11\Abastecimento de água V11 - 1212C - Final		
		Location			
	Designed By	Description 1st			
	Checked By	Description 2nd	Language	en-US	
	Approved By	1st View	Version	Sheet 8 - 16	

A

Security			
Authorization		Allow operator control	Checked
Dynamizations\Tag connection			
Property name	Process value	Tag	NIVEL.PH.CONSOLE.UINT

B

Text field_17			
Type	Text field		
General			
Text	pH		
Appearance			
Background color	192, 192, 192	Background fill pattern	Solid
Border color	0, 0, 0	3D border style	Unchecked
Border width	1	Line style	None
Foreground color	0, 0, 0		
Layout			
Bottom margin	0	Fit to size	Checked
Height	15	X position	16
Left margin	0	Right margin	2
Y position	57	Top margin	2
Width	31		

C

Text			
Font	Tahoma, 11px, style=Bold	Horizontal alignment	Left
Line break	Unchecked	Vertical alignment	Top
Flashing			
Flashing	None		
Miscellaneous			
Layer	0 - Layer_0	Name	Text field_17

D

I/O field_1			
Type	I/O field		
General			
Display format	Decimal	Field length	5
Format pattern	99999	Mode	Output
Process value		Shift decimal point	0
Show leading zeros	Unchecked		
Appearance			
Background color	255, 255, 255	Background fill pattern	Solid
Border color	0, 0, 0	3D border style	Unchecked
Line style	None	Foreground color	0, 0, 0
Unit			
Characteristics			
Hidden input	Unchecked		
Layout			
Bottom margin	2	Fit to size	Checked
Height	17	X position	225
Left margin	2	Right margin	2
Y position	188	Top margin	2

E

Layout			
Bottom margin	2	Fit to size	Checked
Height	17	X position	225
Left margin	2	Right margin	2
Y position	188	Top margin	2

F

Owner	Project name Abastecimento de água V11 - 1212C - Final	Date 6/21/2012
Operator	Project Path D:\Documents and Settings\Tiago\Desktop\Dissertação Mestrado V11\Abastecimento de água V11 - 1212C - Final	
	Location	
Designed By	Description 1st	
Checked By	Description 2nd	Language en-US
Approved By	1st View	Version
		Sheet 8 - 17

1		2		3		4		
A	Width	36						
	Text							
	Font	Tahoma, 11px		Horizontal alignment	Left			
	Line break	Unchecked		Vertical alignment	Top			
	Limits							
	Color for High limit violated	128, 128, 128		Color for Low limit violated	192, 192, 192			
	Miscellaneous							
	Tooltip			Layer	0 - Layer_0			
	Name	I/O field_1						
	Security							
Authorization			Allow operator control	Checked				
Dynamizations\Tag connection								
Property name	Process value		Tag	NIVEL.CONSOLE.UINT				

Text field_18							
Type	Text field						
General							
Text	Litros						
Appearance							
Background color	192, 192, 192		Background fill pattern	Solid			
Border color	0, 0, 0		3D border style	Unchecked			
Border width	1		Line style	None			
Foreground color	0, 0, 0						
Layout							
Bottom margin	0		Fit to size	Checked			
Height	15		X position	266			
Left margin	0		Right margin	2			
Y position	189		Top margin	2			
Width	34						
Text							
Font	Tahoma, 11px, style=Bold		Horizontal alignment	Left			
Line break	Unchecked		Vertical alignment	Top			
Flashing							
Flashing	None						
Miscellaneous							
Layer	0 - Layer_0		Name	Text field_18			

Rectangle_1							
Type	Rectangle						
Appearance							
Background color	255, 255, 255		Background fill pattern	Transparent			
Border color	0, 0, 0		Border width	1			
Line style	Solid						
Layout							
Height	24		X position	219			

Owner	Project name Abastecimento de água V11 - 1212C - Final			Date 6/21/2012	
	Project Path D:\Documents and Settings\Tiago\Desktop\Dissertação Mestrado V11\Abastecimento de água V11 - 1212C - Final				
Operator	Location				
	Description 1st				
Designed By	Description 2nd		Language en-US		
Checked By	1st View		Version		Sheet 8 - 18

A

Round corner height	0	Round corner width	0
Y position	184	Width	96
Miscellaneous			
Layer	0 - Layer_0	Name	Rectangle_1

Rectangle_2

B

Type	Rectangle		
Appearance			
Background color	255, 255, 255	Background fill pattern	Transparent
Border color	0, 0, 0	Border width	1
Line style	Solid		
Layout			
Height	40	X position	90
Round corner height	0	Round corner width	0
Y position	195	Width	112
Miscellaneous			
Layer	0 - Layer_0	Name	Rectangle_2

C

Text field_19

Type	Text field		
General			
Text	pH		
Appearance			
Background color	192, 192, 192	Background fill pattern	Solid
Border color	0, 0, 0	3D border style	Unchecked
Border width	1	Line style	None
Foreground color	0, 0, 0		
Layout			
Bottom margin	0	Fit to size	Unchecked
Height	15	X position	295
Left margin	0	Right margin	2
Y position	137	Top margin	2
Width	20		
Text			
Font	Tahoma, 11px, style=Bold	Horizontal alignment	Left
Line break	Unchecked	Vertical alignment	Top
Flashing			
Flashing	None		
Miscellaneous			
Layer	0 - Layer_0	Name	Text field_19

D

E

Template_5

Type	Button		
General			
Bit number	0	Hotkey	None

F

Owner	Project name Abastecimento de água V11 - 1212C - Final	Date 6/21/2012
Operator	Project Path D:\Documents and Settings\Tiago\Desktop\Dissertação Mestrado V11\Abastecimento de água V11 - 1212C - Final	
Designed By	Description 1st	
Checked By	Description 2nd	Language en-US
Approved By	1st View	Version Sheet 8 - 19

1		2		3		4		
A	Mode	Graphic		Graphic list				
	Graphic OFF	ExitRuntime_HMI_1		Graphic ON	ExitRuntime_HMI_1			
	Process value			Text list				
	Text OFF	ExitRuntime		Text ON	ExitRuntime			
	Appearance							
	Background color	255, 255, 255		Foreground color	0, 0, 0			
	Design							
	3D border style	Checked		Focus color	0, 0, 0			
	Layout							
	Fit to size	Unchecked		Height	31			
X position	290		Y position	0				
Width	30							
B	Text							
	Font	Tahoma, 11px		Horizontal alignment	Centered			
	Vertical alignment	Middle						
	Miscellaneous							
	Tooltip			Layer	0 - Layer_0			
	Name	Template_5						
	Security							
	Authorization			Allow operator control	Checked			
	Dynamizations\Event							
	Event name			Release				
Function list\StopRuntime								
Mode			Runtime					

C	Rectangle_3							
	Type	Rectangle						
	Appearance							
D	Background color	255, 255, 255		Background fill pattern	Transparent			
	Border color	0, 0, 0		Border width	1			
	Line style	Solid						
	Layout							
	Height	48		X position	4			
	Round corner height	0		Round corner width	0			
	Y position	5		Width	40			
	Miscellaneous							
	Layer	0 - Layer_0		Name	Rectangle_3			

E	Rectangle_4							
	Type	Rectangle						
	Appearance							

E	Background color	255, 255, 255		Background fill pattern	Transparent			
	Border color	0, 0, 0		Border width	1			
	Line style	Solid						
	Miscellaneous							
	Layer	0 - Layer_0		Name	Rectangle_4			

F	Owner	Project name Abastecimento de água V11 - 1212C - Final		Date 6/21/2012		
	Operator	Project Path D:\Documents and Settings\Tiago\Desktop\Dissertação Mestrado V11\Abastecimento de água V11 - 1212C - Final				
		Location				
	Designed By	Description 1st				
	Checked By	Description 2nd		Language en-US		
Approved By	1st View		Version		Sheet 8 - 20	

1

2

3

4

A

Layout			
Height	48	X position	4
Round corner height	0	Round corner width	0
Y position	55	Width	40
Miscellaneous			
Layer	0 - Layer_0	Name	Rectangle_4

Text field_5

Type	Text field		
General			
Text	Bomba		
Appearance			
Background color	192, 192, 192	Background fill pattern	Solid
Border color	0, 0, 0	3D border style	Unchecked
Border width	1	Line style	None
Foreground color	0, 0, 0		

B

Layout			
Bottom margin	0	Fit to size	Unchecked
Height	15	X position	6
Left margin	0	Right margin	2
Y position	120	Top margin	2
Width	40		

C

Text			
Font	Tahoma, 11px, style=Bold	Horizontal alignment	Left
Line break	Unchecked	Vertical alignment	Top

Flashing			
Flashing	None		
Miscellaneous			
Layer	0 - Layer_0	Name	Text field_5

D

Text field_20

Type	Text field		
General			
Text	Nível		
Appearance			
Background color	192, 192, 192	Background fill pattern	Solid
Border color	0, 0, 0	3D border style	Unchecked
Border width	1	Line style	None
Foreground color	0, 0, 0		

E

Layout			
Bottom margin	0	Fit to size	Unchecked
Height	13	X position	103
Left margin	0	Right margin	2
Y position	4	Top margin	2
Width	27		

F

Owner	Project name	Abastecimento de água V11 - 1212C - Final	Date	6/21/2012
Operator	Project Path	D:\Documents and Settings\Tiago\Desktop\Dissertação Mestrado V11\Abastecimento de água V11 - 1212C - Final		
Designed By	Description 1st	Location		
Checked By	Description 2nd	Language	en-US	
Approved By	1st View	Version	Sheet 8 - 21	

A

Text			
Font	Tahoma, 9px, style=Bold	Horizontal alignment	Left
Line break	Unchecked	Vertical alignment	Top
Flashing			
Flashing	None		
Miscellaneous			
Layer	0 - Layer_0	Name	Text field_20

B

Text field_9			
Type	Text field		
General			
Text	n circuitos		
Appearance			
Background color	192, 192, 192	Background fill pattern	Solid
Border color	0, 0, 0	3D border style	Unchecked
Border width	1	Line style	None
Foreground color	0, 0, 0		
Layout			
Bottom margin	0	Fit to size	Unchecked
Height	15	X position	235
Left margin	0	Right margin	2
Y position	160	Top margin	2
Width	69		

C

Text			
Font	Tahoma, 11px, style=Bold	Horizontal alignment	Left
Line break	Unchecked	Vertical alignment	Top
Flashing			
Flashing	None		
Miscellaneous			
Layer	0 - Layer_0	Name	Text field_9

D

Text field_21			
Type	Text field		
General			
Text	...		
Appearance			
Background color	192, 192, 192	Background fill pattern	Solid
Border color	0, 0, 0	3D border style	Unchecked
Border width	1	Line style	None
Foreground color	0, 0, 0		
Layout			
Bottom margin	0	Fit to size	Unchecked
Height	15	X position	251
Left margin	0	Right margin	2
Y position	143	Top margin	2
Width	12		

E

F

Owner	Project name	Abastecimento de água V11 - 1212C - Final	Date	6/21/2012
Operator	Project Path	D:\Documents and Settings\Tiago\Desktop\Dissertação Mestrado V11\Abastecimento de água V11 - 1212C - Final		
Designed By	Description 1st	Location		
Checked By	Description 2nd	Language	en-US	
Approved By	1st View	Version	Sheet 8 - 22	

A

Text			
Font	Tahoma, 11px, style=Bold	Horizontal alignment	Left
Line break	Unchecked	Vertical alignment	Top
Flashing			
Flashing	None		
Miscellaneous			
Layer	0 - Layer_0	Name	Text field_21

B

Text field_22			
Type	Text field		
General			
Text	Caudalímetro		
Appearance			
Background color	192, 192, 192	Background fill pattern	Solid
Border color	0, 0, 0	3D border style	Unchecked
Border width	1	Line style	None
Foreground color	0, 0, 0		
Layout			
Bottom margin	0	Fit to size	Unchecked
Height	13	X position	67
Left margin	0	Right margin	2
Y position	106	Top margin	2
Width	77		

C

Text			
Font	Tahoma, 11px, style=Bold	Horizontal alignment	Left
Line break	Unchecked	Vertical alignment	Top
Flashing			
Flashing	None		
Miscellaneous			
Layer	0 - Layer_0	Name	Text field_22

D

PlotLight_Round_N_Mono_9			
Type	Switch		
General			
Label text	Switch	Mode	Switch with graphic
Value status ON	1	Process value	
Text OFF	0	Text ON	1
Appearance			
Background color	192, 192, 192	Foreground color	0, 0, 0
Design			
3D border style	Unchecked	Focus color	0, 0, 0
Layout			
Fit to size	Unchecked	Height	16
X position	116	Y position	157
Width	16		
Text			
Font	Tahoma, 16px	Horizontal alignment	Centered

E

F

Owner	Project name	Abastecimento de água V11 - 1212C - Final	Date	6/21/2012
Operator	Project Path	D:\Documents and Settings\Tiago\Desktop\Dissertação Mestrado V11\Abastecimento de água V11 - 1212C - Final		
Designed By	Description 1st			
Checked By	Description 2nd	Language	en-US	
Approved By	1st View	Version	Sheet 8 - 23	

A

Vertical alignment	Middle		
Limits			
Color for High limit violated	128, 128, 128	Color for Low limit violated	192, 192, 192
Miscellaneous			
Tooltip		Layer	0 - Layer_0
Name	PlotLight_Round_N_Mono_9		
Security			
Authorization		Allow operator control	Checked
Dynamizations\Tag connection			
Property name	Process value	Tag	VÁLVULA.CIRCUITO.REGA.1

B

PlotLight_Round_N_Mono_10

Type	Switch		
General			
Label text	Switch	Mode	Switch with graphic
Value status ON	1	Process value	
Text OFF	0	Text ON	1
Appearance			
Background color	192, 192, 192	Foreground color	0, 0, 0
Design			
3D border style	Unchecked	Focus color	0, 0, 0
Layout			
Fit to size	Unchecked	Height	16
X position	141	Y position	157
Width	16		
Text			
Font	Tahoma, 16px	Horizontal alignment	Centered

C

D

Vertical alignment	Middle		
Limits			
Color for High limit violated	128, 128, 128	Color for Low limit violated	192, 192, 192
Miscellaneous			
Tooltip		Layer	0 - Layer_0
Name	PlotLight_Round_N_Mono_10		
Security			
Authorization		Allow operator control	Checked
Dynamizations\Tag connection			
Property name	Process value	Tag	VÁLVULA.CIRCUITO.REGA.2

E

PlotLight_Round_N_Mono_11

Type	Switch		
General			
Label text	Switch	Mode	Switch with graphic
Value status ON	1	Process value	
Text OFF	0	Text ON	1
Appearance			
Background color	192, 192, 192	Foreground color	0, 0, 0

F

Owner	Project name Abastecimento de água V11 - 1212C - Final	Date 6/21/2012
Operator	Project Path D:\Documents and Settings\Tiago\Desktop\Dissertação Mestrado V11\Abastecimento de água V11 - 1212C - Final	
Designed By	Description 1st	
Checked By	Description 2nd	Language en-US
Approved By	1st View	Version Sheet 8 - 24

A

Design			
3D border style	Unchecked	Focus color	0, 0, 0
Layout			
Fit to size	Unchecked	Height	16
X position	164	Y position	157
Width	16		
Text			
Font	Tahoma, 16px	Horizontal alignment	Centered
Vertical alignment	Middle		
Limits			
Color for High limit violated	128, 128, 128	Color for Low limit violated	192, 192, 192
Miscellaneous			
Tooltip		Layer	0 - Layer_0
Name	PlotLight_Round_N_Mono_11		
Security			
Authorization		Allow operator control	Checked
Dynamizations\Tag connection			
Property name	Process value	Tag	VÁLVULA.CIRCUITO.REGA.3

B

PlotLight_Round_N_Mono_12

C

Type	Switch		
General			
Label text	Switch	Mode	Switch with graphic
Value status ON	1	Process value	
Text OFF	0	Text ON	1
Appearance			
Background color	192, 192, 192	Foreground color	0, 0, 0
Design			
3D border style	Unchecked	Focus color	0, 0, 0
Layout			
Fit to size	Unchecked	Height	16
X position	188	Y position	157
Width	16		
Text			
Font	Tahoma, 16px	Horizontal alignment	Centered
Vertical alignment	Middle		
Limits			
Color for High limit violated	128, 128, 128	Color for Low limit violated	192, 192, 192
Miscellaneous			
Tooltip		Layer	0 - Layer_0
Name	PlotLight_Round_N_Mono_12		
Security			
Authorization		Allow operator control	Checked
Dynamizations\Tag connection			
Property name	Process value	Tag	VÁLVULA.CIRCUITO.REGA.4

D

E

F

Owner	Project name	Abastecimento de água V11 - 1212C - Final	Date	6/21/2012
Operator	Project Path	D:\Documents and Settings\Tiago\Desktop\Dissertação Mestrado V11\Abastecimento de água V11 - 1212C - Final		
Designed By	Description 1st			
Checked By	Description 2nd	Language	en-US	
Approved By	1st View	Version	Sheet 8 - 25	

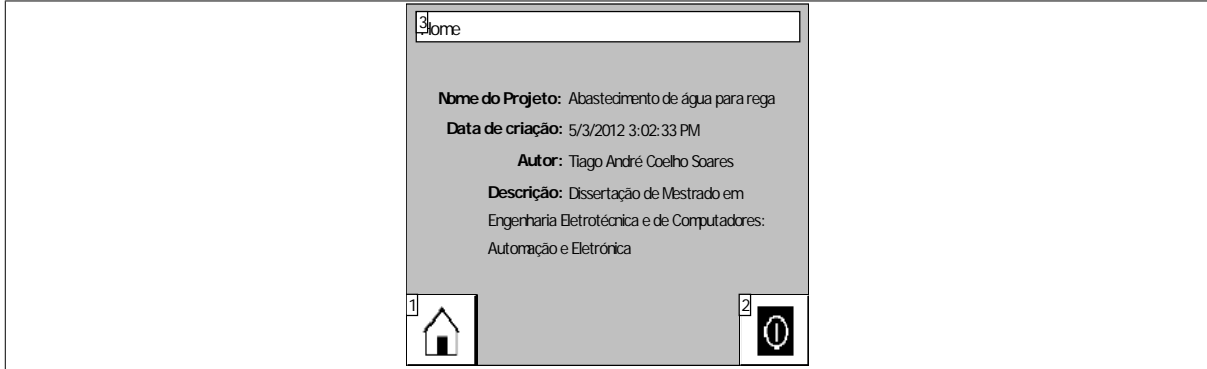
PlotLight_Round_N_Mono_13			
Type	Switch		
General			
Label text	Switch	Mode	Switch with graphic
Value status ON	1	Process value	
Text OFF	0	Text ON	1
Appearance			
Background color	192, 192, 192	Foreground color	0, 0, 0
Design			
3D border style	Unchecked	Focus color	0, 0, 0
Layout			
Fit to size	Unchecked	Height	16
X position	212	Y position	157
Width	16		
Text			
Font	Tahoma, 16px	Horizontal alignment	Centered
Vertical alignment	Middle		
Limits			
Color for High limit violated	128, 128, 128	Color for Low limit violated	192, 192, 192
Miscellaneous			
Tooltip		Layer	0 - Layer_0
Name	PlotLight_Round_N_Mono_13		
Security			
Authorization		Allow operator control	Checked
Dynamizations\Tag connection			
Property name	Process value	Tag	VÁLVULA.CIRCUITO.REGA.5

Owner	Project name	Abastecimento de água V11 - 1212C - Final	Date	6/21/2012
	Operator	Project Path D:\Documents and Settings\Tiago\Desktop\Dissertação Mestrado V11\Abastecimento de água V11 - 1212C - Final		
Designed By	Location			
	Description 1st			
Checked By	Description 2nd		Language	en-US
Approved By	1st View	Version	Sheet 8 - 26	

HMI_1 [KTP600 Basic mono PN] / Screens

Informações do Projeto

Hardcopy of Informações do Projeto



General			
Name	Informações do Projeto	Background color	192, 192, 192
Grid color	0, 0, 0	Number	9
Template	Template_2	Tooltip	
Layers			
Active layer	0		

Specifies the layer.	Visible during configuration
Layer_0	Checked
Layer_1	Checked
Layer_2	Checked
Layer_3	Checked
Layer_4	Checked
Layer_5	Checked
Layer_6	Checked
Layer_7	Checked
Layer_8	Checked
Layer_9	Checked
Layer_10	Checked
Layer_11	Checked
Layer_12	Checked
Layer_13	Checked
Layer_14	Checked
Layer_15	Checked
Layer_16	Checked
Layer_17	Checked
Layer_18	Checked
Layer_19	Checked
Layer_20	Checked
Layer_21	Checked
Layer_22	Checked
Layer_23	Checked
Layer_24	Checked

Owner	Project name	Abastecimento de água V11 - 1212C - Final	Date	6/21/2012
	Operator	Project Path D:\Documents and Settings\Tiago\Desktop\Dissertação Mestrado V11\Abastecimento de água V11 - 1212C - Final		
Designed By	Location			
	Description 1st			
Checked By	Description 2nd		Language	en-US
Approved By	1st View	Version	Sheet 9 - 1	

1

2

3

4

A

Specifies the layer.	Visible during configuration
Layer_25	Checked
Layer_26	Checked
Layer_27	Checked
Layer_28	Checked
Layer_29	Checked
Layer_30	Checked
Layer_31	Checked

B

Screen_object_1

Type	Text field		
General			
Text	Nome do Projeto:		
Appearance			
Background color	192, 192, 192	Background fill pattern	Transparent
Border color	0, 0, 0	3D border style	Unchecked
Border width	1	Line style	None
Foreground color	0, 0, 0		
Layout			
Bottom margin	0	Fit to size	Unchecked
Height	20	X position	4
Left margin	0	Right margin	2
Y position	51	Top margin	2
Width	120		
Text			
Font	Tahoma, 11px, style=Bold	Horizontal alignment	Right
Line break	Unchecked	Vertical alignment	Middle
Flashing			
Flashing	None		
Miscellaneous			
Layer	0 - Layer_0	Name	Screen_object_1

C

D

Screen_object_2

Type	Text field		
General			
Text	Abastecimento de água para rega		
Appearance			
Background color	192, 192, 192	Background fill pattern	Transparent
Border color	0, 0, 0	3D border style	Unchecked
Border width	1	Line style	None
Foreground color	0, 0, 0		
Layout			
Bottom margin	0	Fit to size	Unchecked
Height	20	X position	129
Left margin	0	Right margin	2
Y position	51	Top margin	2
Width	184		

E

F

Owner	Project name	Abastecimento de água V11 - 1212C - Final	Date	6/21/2012
Operator	Project Path	D:\Documents and Settings\Tiago\Desktop\Dissertação Mestrado V11\Abastecimento de água V11 - 1212C - Final		
Designed By	Description 1st	Location		
Checked By	Description 2nd	Language	en-US	
Approved By	1st View	Version	Sheet 9 - 2	

Text			
Font	Tahoma, 11px	Horizontal alignment	Left
Line break	Unchecked	Vertical alignment	Middle
Flashing			
Flashing	None		
Miscellaneous			
Layer	0 - Layer_0	Name	Screen_object_2

Screen_object_3

Type	Text field		
General			
Text	Data de criação:		
Appearance			
Background color	192, 192, 192	Background fill pattern	Transparent
Border color	0, 0, 0	3D border style	Unchecked
Border width	1	Line style	None
Foreground color	0, 0, 0		
Layout			
Bottom margin	0	Fit to size	Unchecked
Height	20	X position	5
Left margin	0	Right margin	2
Y position	71	Top margin	2
Width	120		

Text			
Font	Tahoma, 11px, style=Bold	Horizontal alignment	Right
Line break	Unchecked	Vertical alignment	Middle
Flashing			
Flashing	None		
Miscellaneous			
Layer	0 - Layer_0	Name	Screen_object_3

Screen_object_4

Type	Text field		
General			
Text	5/3/2012 3:02:33 PM		
Appearance			
Background color	192, 192, 192	Background fill pattern	Transparent
Border color	0, 0, 0	3D border style	Unchecked
Border width	1	Line style	None
Foreground color	0, 0, 0		
Layout			
Bottom margin	0	Fit to size	Unchecked
Height	20	X position	129
Left margin	0	Right margin	2
Y position	72	Top margin	2
Width	184		

Owner	Project name	Abastecimento de água V11 - 1212C - Final	Date	6/21/2012
Operator	Project Path	D:\Documents and Settings\Tiago\Desktop\Dissertação Mestrado V11\Abastecimento de água V11 - 1212C - Final		
Designed By	Description 1st	Location		
Checked By	Description 2nd	Language	en-US	
Approved By	1st View	Version	Sheet 9 - 3	

1

2

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A

Text			
Font	Tahoma, 11px	Horizontal alignment	Left
Line break	Unchecked	Vertical alignment	Middle
Flashing			
Flashing	None		
Miscellaneous			
Layer	0 - Layer_0	Name	Screen_object_4

Screen_object_5

B

Type	Text field		
General			
Text	Autor:		
Appearance			
Background color	192, 192, 192	Background fill pattern	Transparent
Border color	0, 0, 0	3D border style	Unchecked
Border width	1	Line style	None
Foreground color	0, 0, 0		

C

Layout			
Bottom margin	0	Fit to size	Unchecked
Height	20	X position	5
Left margin	0	Right margin	2
Y position	92	Top margin	2
Width	120		

Text			
Font	Tahoma, 11px, style=Bold	Horizontal alignment	Right
Line break	Unchecked	Vertical alignment	Middle
Flashing			
Flashing	None		
Miscellaneous			
Layer	0 - Layer_0	Name	Screen_object_5

D

Screen_object_6			
Type	Text field		
General			
Text	Tiago André Coelho Soares		
Appearance			
Background color	192, 192, 192	Background fill pattern	Transparent
Border color	0, 0, 0	3D border style	Unchecked
Border width	1	Line style	None
Foreground color	0, 0, 0		

E

Layout			
Bottom margin	0	Fit to size	Unchecked
Height	20	X position	129
Left margin	0	Right margin	2
Y position	93	Top margin	2
Width	184		

F

Owner	Project name	Abastecimento de água V11 - 1212C - Final	Date	6/21/2012
Operator	Project Path	D:\Documents and Settings\Tiago\Desktop\Dissertação Mestrado V11\Abastecimento de água V11 - 1212C - Final		
	Location			
Designed By	Description 1st			
Checked By	Description 2nd	Language	en-US	
Approved By	1st View	Version	Sheet 9 - 4	

1

2

3

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A

Text			
Font	Tahoma, 11px	Horizontal alignment	Left
Line break	Unchecked	Vertical alignment	Middle
Flashing			
Flashing	None		
Miscellaneous			
Layer	0 - Layer_0	Name	Screen_object_6

Screen_object_7

B

Type	Text field		
General			
Text	Descrição:		
Appearance			
Background color	192, 192, 192	Background fill pattern	Transparent
Border color	0, 0, 0	3D border style	Unchecked
Border width	1	Line style	None
Foreground color	0, 0, 0		

C

Layout			
Bottom margin	0	Fit to size	Unchecked
Height	20	X position	5
Left margin	0	Right margin	2
Y position	113	Top margin	2
Width	120		

Text			
Font	Tahoma, 11px, style=Bold	Horizontal alignment	Right
Line break	Unchecked	Vertical alignment	Middle
Flashing			
Flashing	None		
Miscellaneous			
Layer	0 - Layer_0	Name	Screen_object_7

D

Screen_object_8

Type	Text field		
General			
Text	Dissertação de Mestrado em		
Appearance			
Background color	192, 192, 192	Background fill pattern	Transparent
Border color	0, 0, 0	3D border style	Unchecked
Border width	1	Line style	None
Foreground color	0, 0, 0		

E

Layout			
Bottom margin	0	Fit to size	Unchecked
Height	20	X position	129
Left margin	0	Right margin	2
Y position	114	Top margin	2
Width	184		

F

Owner	Project name	Abastecimento de água V11 - 1212C - Final	Date	6/21/2012
Operator	Project Path	D:\Documents and Settings\Tiago\Desktop\Dissertação Mestrado V11\Abastecimento de água V11 - 1212C - Final		
	Location			
Designed By	Description 1st			
Checked By	Description 2nd	Language	en-US	
Approved By	1st View	Version	Sheet 9 - 5	

1

2

3

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A

Text			
Font	Tahoma, 11px	Horizontal alignment	Left
Line break	Unchecked	Vertical alignment	Middle
Flashing			
Flashing	None		
Miscellaneous			
Layer	0 - Layer_0	Name	Screen_object_8

Screen_object_9

Type	Text field		
General			
Text	Engenharia Eletrotécnica e de Computadores:		
Appearance			
Background color	192, 192, 192	Background fill pattern	Transparent
Border color	0, 0, 0	3D border style	Unchecked
Border width	1	Line style	None
Foreground color	0, 0, 0		
Layout			
Bottom margin	0	Fit to size	Unchecked
Height	20	X position	65
Left margin	0	Right margin	2
Y position	132	Top margin	2
Width	240		

B

C

Text			
Font	Tahoma, 11px	Horizontal alignment	Left
Line break	Unchecked	Vertical alignment	Middle
Flashing			
Flashing	None		
Miscellaneous			
Layer	0 - Layer_0	Name	Screen_object_9

D

Screen_object_10

Type	Text field		
General			
Text	Automação e Eletrónica		
Appearance			
Background color	192, 192, 192	Background fill pattern	Transparent
Border color	0, 0, 0	3D border style	Unchecked
Border width	1	Line style	None
Foreground color	0, 0, 0		
Layout			
Bottom margin	0	Fit to size	Unchecked
Height	20	X position	65
Left margin	0	Right margin	2
Y position	150	Top margin	2
Width	216		

E

F

Owner	Project name	Abastecimento de água V11 - 1212C - Final	Date	6/21/2012
Operator	Project Path	D:\Documents and Settings\Tiago\Desktop\Dissertação Mestrado V11\Abastecimento de água V11 - 1212C - Final		
	Location			
Designed By	Description 1st			
Checked By	Description 2nd	Language	en-US	
Approved By	1st View	Version	Sheet 9 - 6	

A

Text			
Font	Tahoma, 11px	Horizontal alignment	Left
Line break	Unchecked	Vertical alignment	Middle
Flashing			
Flashing	None		
Miscellaneous			
Layer	0 - Layer_0	Name	Screen_object_10

B

Template_			
Type	Button		
General			
Bit number	0	Hotkey	None
Mode	Graphic	Graphic list	
Graphic OFF	NavigateHome_HMI_1	Graphic ON	NavigateHome_HMI_1
Process value		Text list	
Text OFF	NavigateHome	Text ON	NavigateHome

C

Appearance			
Background color	255, 255, 255	Foreground color	0, 0, 0
Design			
3D border style	Checked	Focus color	0, 0, 0
Layout			
Fit to size	Unchecked	Height	48
X position	0	Y position	192
Width	56		

D

Text			
Font	Tahoma, 11px	Horizontal alignment	Centered
Vertical alignment	Middle		
Miscellaneous			
Tooltip		Layer	0 - Layer_0
Name	Template_		
Security			
Authorization		Allow operator control	Checked
Dynamizations\Event			
Event name	Release		
Function list\ActivateScreen			
Screen name	Home	Object number	0

E

Template_5			
Type	Button		
General			
Bit number	0	Hotkey	None
Mode	Graphic	Graphic list	
Graphic OFF	ExitRuntime_HMI_1	Graphic ON	ExitRuntime_HMI_1
Process value		Text list	
Text OFF	ExitRuntime	Text ON	ExitRuntime
Appearance			
Background color	255, 255, 255	Foreground color	0, 0, 0

F

Owner	Project name	Abastecimento de água V11 - 1212C - Final	Date	6/21/2012
Operator	Project Path	D:\Documents and Settings\Tiago\Desktop\Dissertação Mestrado V11\Abastecimento de água V11 - 1212C - Final		
	Location			
Designed By	Description 1st			
Checked By	Description 2nd	Language	en-US	
Approved By	1st View	Version	Sheet 9 - 7	

1

2

3

4

A

Design			
3D border style	Checked	Focus color	0, 0, 0
Layout			
Fit to size	Unchecked	Height	48
X position	264	Y position	192
Width	56		
Text			
Font	Tahoma, 11px	Horizontal alignment	Centered
Vertical alignment	Middle		
Miscellaneous			
Tooltip		Layer	0 - Layer_0
Name	Template_5		
Security			
Authorization		Allow operator control	Checked

B

Dynamizations\Event	
Event name	Release
Function list\StopRuntime	
Mode	Runtime

C

Symbolic_IO_Field_Screen			
Type	Symbolic I/O field		
General			
Bit number	0	Field length	20
Mode	Input/output	Value status ON	1
Process value	0	Text list	TextList_ScreenNames
Text OFF	0	Text ON	1

D

Appearance			
Background color	255, 255, 255	Background fill pattern	Solid
Border color	0, 0, 0	Border width	1
Line style	Solid	Foreground color	0, 0, 0
Layout			
Bottom margin	2	Fit to size	Unchecked
Height	20	X position	8
Left margin	2	Right margin	2
Y position	5	Top margin	2
Width	304		
Text			
Font	Tahoma, 12px	Horizontal alignment	Left
Vertical alignment	Top		
Limits			
Color for High limit violated	128, 128, 128	Color for Low limit violated	192, 192, 192
Miscellaneous			
Tooltip		Layer	0 - Layer_0
Name	Symbolic_IO_Field_Screen		

E

F

Owner	Project name Abastecimento de água V11 - 1212C - Final	Date 6/21/2012
Operator	Project Path D:\Documents and Settings\Tiago\Desktop\Dissertação Mestrado V11\Abastecimento de água V11 - 1212C - Final	
Designed By	Description 1st	
Checked By	Description 2nd	Language en-US
Approved By	1st View	Version
		Sheet 9 - 8

1

2

3

4

A

Security			
Authorization		Allow operator control	Checked
Dynamizations\Tag connection			
Property name	Process value	Tag	Tag_ScreenNumber

B

C

D

E

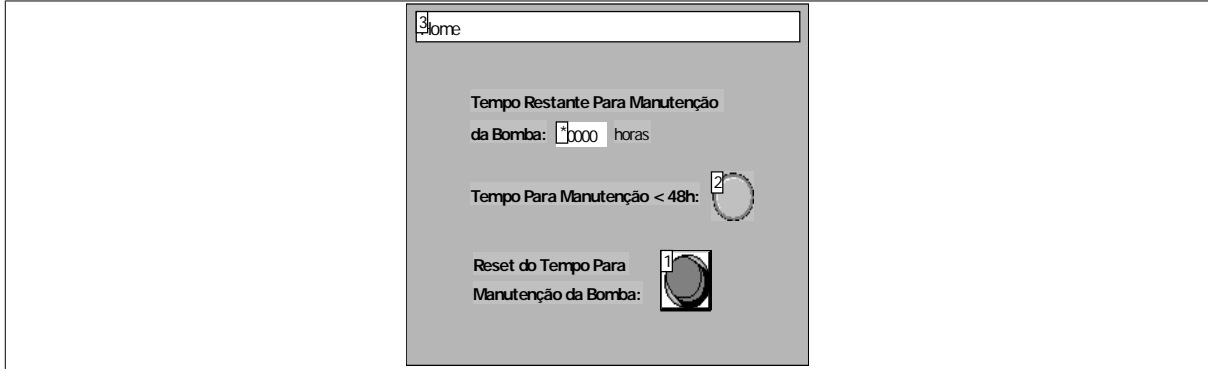
F

Owner	Project name	Abastecimento de água V11 - 1212C - Final	Date	6/21/2012
Operator	Project Path	D:\Documents and Settings\Tiago\Desktop\Dissertação Mestrado V11\Abastecimento de água V11 - 1212C - Final		
	Location			
Designed By	Description 1st			
Checked By	Description 2nd	Language	en-US	
Approved By	1st View	Version	Sheet 9 - 9	

HMI_1 [KTP600 Basic mono PN] / Screens

Manutenção

Hardcopy of Manutenção



General			
Name	Manutenção	Background color	192, 192, 192
Grid color	0, 0, 0	Number	8
Template		Tooltip	
Layers			
Active layer	0		

Specifies the layer.	Visible during configuration
Layer_0	Checked
Layer_1	Checked
Layer_2	Checked
Layer_3	Checked
Layer_4	Checked
Layer_5	Checked
Layer_6	Checked
Layer_7	Checked
Layer_8	Checked
Layer_9	Checked
Layer_10	Checked
Layer_11	Checked
Layer_12	Checked
Layer_13	Checked
Layer_14	Checked
Layer_15	Checked
Layer_16	Checked
Layer_17	Checked
Layer_18	Checked
Layer_19	Checked
Layer_20	Checked
Layer_21	Checked
Layer_22	Checked
Layer_23	Checked
Layer_24	Checked

Owner	Project name	Abastecimento de água V11 - 1212C - Final	Date	6/21/2012
	Operator	Project Path D:\Documents and Settings\Tiago\Desktop\Dissertação Mestrado V11\Abastecimento de água V11 - 1212C - Final		
Designed By	Location			
	Description 1st			
Checked By	Description 2nd		Language	en-US
Approved By	1st View		Version	Sheet 10 - 1

1

2

3

4

A

Specifies the layer.	Visible during configuration
Layer_25	Checked
Layer_26	Checked
Layer_27	Checked
Layer_28	Checked
Layer_29	Checked
Layer_30	Checked
Layer_31	Checked

Text field_1

B

Type	Text field		
General			
Text	Tempo Restante Para Manutenção		
Appearance			
Background color	192, 192, 192	Background fill pattern	Solid
Border color	0, 0, 0	3D border style	Unchecked
Border width	1	Line style	None
Foreground color	0, 0, 0		
Layout			
Bottom margin	0	Fit to size	Checked
Height	15	X position	51
Left margin	0	Right margin	2
Y position	56	Top margin	2
Width	201		

C

Text			
Font	Tahoma, 11px, style=Bold	Horizontal alignment	Left
Line break	Unchecked	Vertical alignment	Top
Flashing			
Flashing	None		
Miscellaneous			
Layer	0 - Layer_0	Name	Text field_1

D

I/O field_1			
Type	I/O field		
General			
Display format	Decimal	Field length	5
Format pattern	99999	Mode	Output
Process value		Shift decimal point	0
Show leading zeros	Unchecked		
Appearance			
Background color	255, 255, 255	Background fill pattern	Solid
Border color	0, 0, 0	3D border style	Unchecked
Line style	None	Foreground color	0, 0, 0
Unit			
Characteristics			
Hidden input	Unchecked		
Layout			
Bottom margin	2	Fit to size	Unchecked

E

Owner	Project name	Abastecimento de água V11 - 1212C - Final	Date	6/21/2012
Operator	Project Path	D:\Documents and Settings\Tiago\Desktop\Dissertação Mestrado V11\Abastecimento de água V11 - 1212C - Final		
Designed By	Description 1st	Location		
Checked By	Description 2nd	Language	en-US	
Approved By	1st View	Version	Sheet 10 - 2	

F

Height	16	X position	119
Left margin	2	Right margin	2
Y position	78	Top margin	2
Width	40		

Text

Font	Tahoma, 11px	Horizontal alignment	Left
Line break	Unchecked	Vertical alignment	Top

Limits

Color for High limit violated	128, 128, 128	Color for Low limit violated	192, 192, 192
--------------------------------------	---------------	-------------------------------------	---------------

Miscellaneous

Tooltip		Layer	0 - Layer_0
----------------	--	--------------	-------------

Name	I/O field_1		
-------------	-------------	--	--

Security

Authorization		Allow operator control	Checked
----------------------	--	-------------------------------	---------

Dynamizations\Tag connection

Property name	Process value	Tag	Backup Dados_manutencao
----------------------	---------------	------------	-------------------------

Text field_2

Type	Text field		
-------------	------------	--	--

General

Text	horas		
-------------	-------	--	--

Appearance

Background color	192, 192, 192	Background fill pattern	Solid
Border color	0, 0, 0	3D border style	Unchecked
Border width	1	Line style	None

Foreground color	0, 0, 0		
-------------------------	---------	--	--

Layout

Bottom margin	0	Fit to size	Checked
Height	15	X position	165
Left margin	0	Right margin	2
Y position	77	Top margin	2
Width	29		

Text

Font	Tahoma, 11px	Horizontal alignment	Left
Line break	Unchecked	Vertical alignment	Top

Flashing

Flashing	None		
-----------------	------	--	--

Miscellaneous

Layer	0 - Layer_0	Name	Text field_2
--------------	-------------	-------------	--------------

Text field_3

Type	Text field		
-------------	------------	--	--

General

Text	Reset do Tempo Para		
-------------	---------------------	--	--

Owner	Project name Abastecimento de água V11 - 1212C - Final	Date 6/21/2012
Operator	Project Path D:\Documents and Settings\Tiago\Desktop\Dissertação Mestrado V11\Abastecimento de água V11 - 1212C - Final	
Designed By	Description 1st	
Checked By	Description 2nd	Language en-US
Approved By	1st View	Version
		Sheet 10 - 3

A

Appearance			
Background color	192, 192, 192	Background fill pattern	Solid
Border color	0, 0, 0	3D border style	Unchecked
Border width	1	Line style	None
Foreground color	0, 0, 0		

B

Layout			
Bottom margin	0	Fit to size	Checked
Height	15	X position	53
Left margin	0	Right margin	2
Y position	164	Top margin	2
Width	123		
Text			
Font	Tahoma, 11px, style=Bold	Horizontal alignment	Left
Line break	Unchecked	Vertical alignment	Top
Flashing			
Flashing	None		
Miscellaneous			
Layer	0 - Layer_0	Name	Text field_3

C

Switch_4			
Type	Switch		
General			
Label text	Switch	Mode	Switch with graphic
Value status ON	1	Process value	
Text OFF	0	Text ON	1

D

Appearance			
Background color	255, 255, 255	Foreground color	0, 0, 0
Design			
3D border style	Checked	Focus color	0, 0, 0
Layout			
Fit to size	Unchecked	Height	40
X position	202	Y position	163
Width	40		
Text			
Font	Tahoma, 11px	Horizontal alignment	Centered
Vertical alignment	Middle		
Limits			
Color for High limit violated	128, 128, 128	Color for Low limit violated	192, 192, 192
Miscellaneous			
Tooltip		Layer	0 - Layer_0
Name	Switch_4		

E

Security			
Authorization	Operate	Allow operator control	Checked
Dynamizations\Tag connection			
Property name	Process value	Tag	RESET.TEMPO.MANUTEN-CAO.CONSOLE

F

Owner	Project name Abastecimento de água V11 - 1212C - Final	Date 6/21/2012
Operator	Project Path D:\Documents and Settings\Tiago\Desktop\Dissertação Mestrado V11\Abastecimento de água V11 - 1212C - Final	
	Location	
Designed By	Description 1st	
Checked By	Description 2nd	Language en-US
Approved By	1st View	Version
		Sheet 10 - 4

A

PlotLight_Round_N_Mono_2

Type	Switch		
General			
Label text	Switch	Mode	Switch with graphic
Value status ON	1	Process value	
Text OFF	0	Text ON	1
Appearance			
Background color	192, 192, 192	Foreground color	0, 0, 0
Design			
3D border style	Unchecked	Focus color	0, 0, 0
Layout			
Fit to size	Unchecked	Height	32
X position	242	Y position	111
Width	32		
Text			
Font	Tahoma, 16px	Horizontal alignment	Centered
Vertical alignment	Middle		
Limits			
Color for High limit violated	128, 128, 128	Color for Low limit violated	192, 192, 192
Miscellaneous			
Tooltip		Layer	0 - Layer_0
Name	PlotLight_Round_N_Mono_2		
Security			
Authorization		Allow operator control	Checked
Dynamizations\Tag connection			
Property name	Process value	Tag	BIT.MANUTENÇÃO

B

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Text field_4

Type	Text field		
General			
Text	Tempo Para Manutenção < 48h:		
Appearance			
Background color	192, 192, 192	Background fill pattern	Solid
Border color	0, 0, 0	3D border style	Unchecked
Border width	1	Line style	None
Foreground color	0, 0, 0		
Layout			
Bottom margin	0	Fit to size	Checked
Height	15	X position	51
Left margin	0	Right margin	2
Y position	118	Top margin	2
Width	182		
Text			
Font	Tahoma, 11px, style=Bold	Horizontal alignment	Left
Line break	Unchecked	Vertical alignment	Top

F

Owner	Project name Abastecimento de água V11 - 1212C - Final	Date 6/21/2012
Operator	Project Path D:\Documents and Settings\Tiago\Desktop\Dissertação Mestrado V11\Abastecimento de água V11 - 1212C - Final	
	Location	
Designed By	Description 1st	
Checked By	Description 2nd	Language en-US
Approved By	1st View	Version
		Sheet 10 - 5

1

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Flashing			
Flashing	None		
Miscellaneous			
Layer	0 - Layer_0	Name	Text field_4

Text field_5

Type	Text field		
General			
Text	Manutenção da Bomba:		

B

Appearance			
Background color	192, 192, 192	Background fill pattern	Solid
Border color	0, 0, 0	3D border style	Unchecked
Border width	1	Line style	None
Foreground color	0, 0, 0		

Layout

Bottom margin	0	Fit to size	Checked
Height	15	X position	53
Left margin	0	Right margin	2
Y position	183	Top margin	2
Width	134		

C

Text			
Font	Tahoma, 11px, style=Bold	Horizontal alignment	Left
Line break	Unchecked	Vertical alignment	Top

Flashing

Flashing	None		
----------	------	--	--

Miscellaneous

Layer	0 - Layer_0	Name	Text field_5
-------	-------------	------	--------------

Text field_6

Type	Text field		
General			
Text	da Bomba:		

D

Appearance			
Background color	192, 192, 192	Background fill pattern	Solid
Border color	0, 0, 0	3D border style	Unchecked
Border width	1	Line style	None
Foreground color	0, 0, 0		

Layout

Bottom margin	0	Fit to size	Checked
Height	15	X position	51
Left margin	0	Right margin	2
Y position	77	Top margin	2
Width	61		

E

Text			
Font	Tahoma, 11px, style=Bold	Horizontal alignment	Left
Line break	Unchecked	Vertical alignment	Top

F

Owner	Project name	Abastecimento de água V11 - 1212C - Final	Date	6/21/2012
Operator	Project Path	D:\Documents and Settings\Tiago\Desktop\Dissertação Mestrado V11\Abastecimento de água V11 - 1212C - Final		
Designed By	Description 1st	Location		
Checked By	Description 2nd	Language	en-US	
Approved By	1st View	Version	Sheet 10 - 6	

1

2

3

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A

Flashing

Flashing None

Miscellaneous

Layer 0 - Layer_0 Name Text field_6

Symbolic_IO_Field_Screen

Type Symbolic I/O field

General

Bit number 0 Field length 20

Mode Input/output Value status ON 1

Process value 0 Text list TextList_ScreenNames

Text OFF 0 Text ON 1

Appearance

Background color 255, 255, 255 Background fill pattern Solid

Border color 0, 0, 0 Border width 1

Line style Solid Foreground color 0, 0, 0

Layout

Bottom margin 2 Fit to size Unchecked

Height 20 X position 8

Left margin 2 Right margin 2

Y position 5 Top margin 2

Width 304

Text

Font Tahoma, 12px Horizontal alignment Left

Vertical alignment Top

Limits

Color for High limit violated 128, 128, 128 Color for Low limit violated 192, 192, 192

Miscellaneous

Tooltip Layer 0 - Layer_0

Name Symbolic_IO_Field_Screen

Security

Authorization Allow operator control Checked

Dynamizations\Tag connection

Property name Process value Tag Tag_ScreenNumber

B

C

D

E

F

Owner

Project name Abastecimento de água V11 - 1212C - Final

Date 6/21/2012

Operator

Project Path
D:\Documents and Settings\Tiago\Desktop\Dissertação Mestrado
V11\Abastecimento de água V11 - 1212C - Final

Location

Designed By

Description 1st

Checked By

Description 2nd

Language en-US

Approved By

1st View

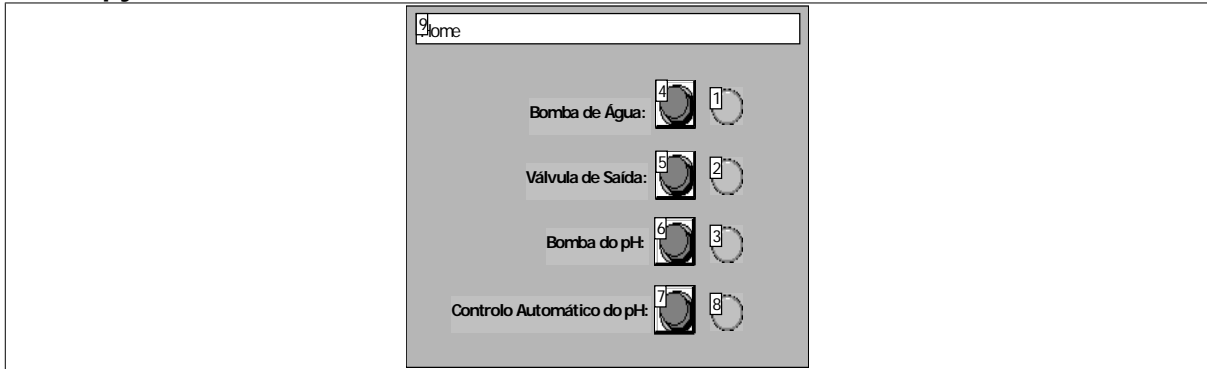
Version

Sheet 10 - 7

HMI_1 [KTP600 Basic mono PN] / Screens

Modo Manual

Hardcopy of Modo Manual



General			
Name	Modo Manual	Background color	192, 192, 192
Grid color	0, 0, 0	Number	6
Template		Tooltip	
Layers			
Active layer	0		

Specifies the layer.	Visible during configuration
Layer_0	Checked
Layer_1	Checked
Layer_2	Checked
Layer_3	Checked
Layer_4	Checked
Layer_5	Checked
Layer_6	Checked
Layer_7	Checked
Layer_8	Checked
Layer_9	Checked
Layer_10	Checked
Layer_11	Checked
Layer_12	Checked
Layer_13	Checked
Layer_14	Checked
Layer_15	Checked
Layer_16	Checked
Layer_17	Checked
Layer_18	Checked
Layer_19	Checked
Layer_20	Checked
Layer_21	Checked
Layer_22	Checked
Layer_23	Checked
Layer_24	Checked

Owner	Project name	Abastecimento de água V11 - 1212C - Final	Date	6/21/2012
	Operator	Project Path D:\Documents and Settings\Tiago\Desktop\Dissertação Mestrado V11\Abastecimento de água V11 - 1212C - Final		
Designed By	Location			
Checked By	Description 1st	Language en-US		
Approved By	Description 2nd	1st View	Version	Sheet 11 - 1

1

2

3

4

A

Specifies the layer.	Visible during configuration
Layer_25	Checked
Layer_26	Checked
Layer_27	Checked
Layer_28	Checked
Layer_29	Checked
Layer_30	Checked
Layer_31	Checked

Text field_2

B

Type	Text field		
General			
Text	Bomba de Água:		
Appearance			
Background color	192, 192, 192	Background fill pattern	Solid
Border color	0, 0, 0	3D border style	Unchecked
Border width	1	Line style	None
Foreground color	0, 0, 0		

C

Layout			
Bottom margin	0	Fit to size	Unchecked
Height	24	X position	98
Left margin	0	Right margin	2
Y position	61	Top margin	2
Width	96		
Text			
Font	Tahoma, 11px, style=Bold	Horizontal alignment	Left
Line break	Unchecked	Vertical alignment	Top

D

Flashing			
Flashing	None		
Miscellaneous			
Layer	0 - Layer_0	Name	Text field_2

Text field_4

E

Type	Text field		
General			
Text	Válvula de Saída:		
Appearance			
Background color	192, 192, 192	Background fill pattern	Solid
Border color	0, 0, 0	3D border style	Unchecked
Border width	1	Line style	None
Foreground color	0, 0, 0		
Layout			
Bottom margin	0	Fit to size	Unchecked
Height	24	X position	95
Left margin	0	Right margin	2
Y position	104	Top margin	2
Width	96		

F

Owner	Project name	Abastecimento de água V11 - 1212C - Final	Date	6/21/2012
Operator	Project Path	D:\Documents and Settings\Tiago\Desktop\Dissertação Mestrado V11\Abastecimento de água V11 - 1212C - Final		
Designed By	Description 1st	Location		
Checked By	Description 2nd	Language	en-US	
Approved By	1st View	Version	Sheet 11 - 2	

1

2

3

4

A

Text			
Font	Tahoma, 11px, style=Bold	Horizontal alignment	Left
Line break	Unchecked	Vertical alignment	Top
Flashing			
Flashing	None		
Miscellaneous			
Layer	0 - Layer_0	Name	Text field_4

Text field_6

Type	Text field		
General			
Text	Bomba do pH:		
Appearance			
Background color	192, 192, 192	Background fill pattern	Solid
Border color	0, 0, 0	3D border style	Unchecked
Border width	1	Line style	None
Foreground color	0, 0, 0		
Layout			
Bottom margin	0	Fit to size	Unchecked
Height	24	X position	111
Left margin	0	Right margin	2
Y position	147	Top margin	2
Width	81		

C

Text			
Font	Tahoma, 11px, style=Bold	Horizontal alignment	Left
Line break	Unchecked	Vertical alignment	Top
Flashing			
Flashing	None		
Miscellaneous			
Layer	0 - Layer_0	Name	Text field_6

D

PlotLight_Round_N_Mono_7

Type	Switch		
General			
Label text	Switch	Mode	Switch with graphic
Value status ON	1	Process value	
Text OFF	0	Text ON	1
Appearance			
Background color	192, 192, 192	Foreground color	0, 0, 0
Design			
3D border style	Unchecked	Focus color	0, 0, 0
Layout			
Fit to size	Unchecked	Height	24
X position	241	Y position	54
Width	25		
Text			
Font	Tahoma, 16px	Horizontal alignment	Centered

E

Owner	Project name	Abastecimento de água V11 - 1212C - Final	Date	6/21/2012
Operator	Project Path	D:\Documents and Settings\Tiago\Desktop\Dissertação Mestrado V11\Abastecimento de água V11 - 1212C - Final		
	Location			
Designed By	Description 1st			
Checked By	Description 2nd	Language	en-US	
Approved By	1st View	Version	Sheet 11 - 3	

F

A

Vertical alignment	Middle		
Limits			
Color for High limit violated	128, 128, 128	Color for Low limit violated	192, 192, 192
Miscellaneous			
Tooltip		Layer	0 - Layer_0
Name	PlotLight_Round_N_Mono_7		
Security			
Authorization		Allow operator control	Checked
Dynamizations\Tag connection			
Property name	Process value	Tag	BOMBA

B

PlotLight_Round_N_Mono_5			
Type	Switch		
General			
Label text	Switch	Mode	Switch with graphic
Value status ON	1	Process value	
Text OFF	0	Text ON	1
Appearance			
Background color	192, 192, 192	Foreground color	0, 0, 0
Design			
3D border style	Unchecked	Focus color	0, 0, 0
Layout			
Fit to size	Unchecked	Height	24
X position	241	Y position	100
Width	25		
Text			
Font	Tahoma, 16px	Horizontal alignment	Centered

C

Vertical alignment	Middle		
Limits			
Color for High limit violated	128, 128, 128	Color for Low limit violated	192, 192, 192
Miscellaneous			
Tooltip		Layer	0 - Layer_0
Name	PlotLight_Round_N_Mono_5		
Security			
Authorization		Allow operator control	Checked
Dynamizations\Tag connection			
Property name	Process value	Tag	SAIDA.VALVULA

D

PlotLight_Round_N_Mono_1			
Type	Switch		
General			
Label text	Switch	Mode	Switch with graphic
Value status ON	1	Process value	
Text OFF	0	Text ON	1
Appearance			
Background color	192, 192, 192	Foreground color	0, 0, 0

E

F

Owner	Project name Abastecimento de água V11 - 1212C - Final	Date 6/21/2012
Operator	Project Path D:\Documents and Settings\Tiago\Desktop\Dissertação Mestrado V11\Abastecimento de água V11 - 1212C - Final	
Designed By	Location	
Checked By	Description 1st	Language en-US
Approved By	Description 2nd	Version
	1st View	Sheet 11 - 4

1		2		3		4		
A	Design							
	3D border style	Unchecked	Focus color	0, 0, 0				
	Layout							
	Fit to size	Unchecked	Height	24				
	X position	241	Y position	145				
	Width	25						
	Text							
	Font	Tahoma, 16px		Horizontal alignment	Centered			
	Vertical alignment	Middle						
	Limits							
	Color for High limit violated	128, 128, 128		Color for Low limit violated	192, 192, 192			
	Miscellaneous							
	Tooltip			Layer	0 - Layer_0			
	Name	PlotLight_Round_N_Mono_1						
	Security							
Authorization			Allow operator control	Checked				
Dynamizations\Tag connection								
Property name	Process value		Tag	MOTOR.PH				

Switch_1

C	Type	Switch						
	General							
	Label text	Switch		Mode	Switch with graphic			
	Value status ON	1		Process value				
	Text OFF	0		Text ON	1			
	Appearance							
	Background color	255, 255, 255		Foreground color	0, 0, 0			
	Design							
	3D border style	Checked		Focus color	0, 0, 0			
	Layout							
	Fit to size	Unchecked		Height	32			
	X position	198		Y position	49			
	Width	32						
	Text							
	Font	Tahoma, 11px		Horizontal alignment	Centered			
Vertical alignment	Middle							
Limits								
Color for High limit violated	128, 128, 128		Color for Low limit violated	192, 192, 192				
Miscellaneous								
Tooltip			Layer	0 - Layer_0				
Name	Switch_1							
Security								
Authorization	Operate		Allow operator control	Checked				
Dynamizations\Tag connection								
Property name	Process value		Tag	Backup Dados_bomba.agua.manual				

D	Owner	Project name Abastecimento de água V11 - 1212C - Final			Date 6/21/2012		
	Operator	Project Path D:\Documents and Settings\Tiago\Desktop\Dissertação Mestrado V11\Abastecimento de água V11 - 1212C - Final					
E	Location						
	Designed By	Description 1st					
	Checked By	Description 2nd			Language en-US		
	Approved By	1st View			Version		Sheet 11 - 5

Switch_2			
Type	Switch		
General			
Label text	Switch	Mode	Switch with graphic
Value status ON	1	Process value	
Text OFF	0	Text ON	1
Appearance			
Background color	255, 255, 255	Foreground color	0, 0, 0
Design			
3D border style	Checked	Focus color	0, 0, 0
Layout			
Fit to size	Unchecked	Height	32
X position	198	Y position	96
Width	32		
Text			
Font	Tahoma, 11px	Horizontal alignment	Centered
Vertical alignment	Middle		
Limits			
Color for High limit violated	128, 128, 128	Color for Low limit violated	192, 192, 192
Miscellaneous			
Tooltip		Layer	0 - Layer_0
Name	Switch_2		
Security			
Authorization	Operate	Allow operator control	Checked
Dynamizations\Tag connection			
Property name	Process value	Tag	Backup Dados_valvula.agua.manual

Switch_3			
Type	Switch		
General			
Label text	Switch	Mode	Switch with graphic
Value status ON	1	Process value	
Text OFF	0	Text ON	1
Appearance			
Background color	255, 255, 255	Foreground color	0, 0, 0
Design			
3D border style	Checked	Focus color	0, 0, 0
Layout			
Fit to size	Unchecked	Height	32
X position	197	Y position	140
Width	32		
Text			
Font	Tahoma, 11px	Horizontal alignment	Centered
Vertical alignment	Middle		

Owner	Project name	Abastecimento de água V11 - 1212C - Final	Date	6/21/2012
	Operator	Project Path D:\Documents and Settings\Tiago\Desktop\Dissertação Mestrado V11\Abastecimento de água V11 - 1212C - Final		
Designed By	Location			
	Description 1st			
	Checked By	Description 2nd	Language	en-US
Approved By	1st View	Version	Sheet 11 - 6	

A

Limits			
Color for High limit violated	128, 128, 128	Color for Low limit violated	192, 192, 192
Miscellaneous			
Tooltip		Layer	0 - Layer_0
Name	Switch_3		
Security			
Authorization	Operate	Allow operator control	Checked
Dynamizations\Tag connection			
Property name	Process value	Tag	Backup Dados_bomba.ph.manual

B

Text field_3

Type	Text field		
General			
Text	Controlo Automático do pH:		
Appearance			
Background color	192, 192, 192	Background fill pattern	Solid
Border color	0, 0, 0	3D border style	Unchecked
Border width	1	Line style	None
Foreground color	0, 0, 0		
Layout			
Bottom margin	0	Fit to size	Unchecked
Height	24	X position	36
Left margin	0	Right margin	2
Y position	192	Top margin	2
Width	158		

C

Text			
Font	Tahoma, 11px, style=Bold	Horizontal alignment	Left
Line break	Unchecked	Vertical alignment	Top
Flashing			
Flashing	None		
Miscellaneous			
Layer	0 - Layer_0	Name	Text field_3

D

Switch_4

Type	Switch		
General			
Label text	Switch	Mode	Switch with graphic
Value status ON	1	Process value	
Text OFF	0	Text ON	1
Appearance			
Background color	255, 255, 255	Foreground color	0, 0, 0
Design			
3D border style	Checked	Focus color	0, 0, 0
Layout			
Fit to size	Unchecked	Height	32
X position	197	Y position	185
Width	32		

E

F

Owner	Project name Abastecimento de água V11 - 1212C - Final	Date 6/21/2012
Operator	Project Path D:\Documents and Settings\Tiago\Desktop\Dissertação Mestrado V11\Abastecimento de água V11 - 1212C - Final	
	Location	
Designed By	Description 1st	
Checked By	Description 2nd	Language en-US
Approved By	1st View	Version
		Sheet 11 - 7

A

Text			
Font	Tahoma, 11px	Horizontal alignment	Centered
Vertical alignment	Middle		
Limits			
Color for High limit violated	128, 128, 128	Color for Low limit violated	192, 192, 192
Miscellaneous			
Tooltip		Layer	0 - Layer_0
Name	Switch_4		
Security			
Authorization	Operate	Allow operator control	Checked
Dynamizations\Tag connection			
Property name	Process value	Tag	Backup Dados_bit.auto.ph

B

PlotLight_Round_N_Mono_2

Type	Switch		
General			
Label text	Switch	Mode	Switch with graphic
Value status ON	1	Process value	
Text OFF	0	Text ON	1
Appearance			
Background color	192, 192, 192	Foreground color	0, 0, 0
Design			
3D border style	Unchecked	Focus color	0, 0, 0
Layout			
Fit to size	Unchecked	Height	24
X position	241	Y position	190
Width	25		

C

D

Text			
Font	Tahoma, 16px	Horizontal alignment	Centered
Vertical alignment	Middle		
Limits			
Color for High limit violated	128, 128, 128	Color for Low limit violated	192, 192, 192
Miscellaneous			
Tooltip		Layer	0 - Layer_0
Name	PlotLight_Round_N_Mono_2		
Security			
Authorization		Allow operator control	Checked
Dynamizations\Tag connection			
Property name	Process value	Tag	BIT.PH.AUTO

E

Symbolic_IO_Field_Screen			
Type	Symbolic I/O field		
General			
Bit number	0	Field length	20
Mode	Input/output	Value status ON	1

F

Owner	Project name	Abastecimento de água V11 - 1212C - Final	Date	6/21/2012
Operator	Project Path	D:\Documents and Settings\Tiago\Desktop\Dissertação Mestrado V11\Abastecimento de água V11 - 1212C - Final		
Designed By	Description 1st	Location		
Checked By	Description 2nd	Language	en-US	
Approved By	1st View	Version	Sheet 11 - 8	

1	2	3	4
Process value	0	Text list	TextList_ScreenNames
Text OFF	0	Text ON	1
Appearance			
Background color	255, 255, 255	Background fill pattern	Solid
Border color	0, 0, 0	Border width	1
Line style	Solid	Foreground color	0, 0, 0
Layout			
Bottom margin	2	Fit to size	Unchecked
Height	20	X position	8
Left margin	2	Right margin	2
Y position	5	Top margin	2
Width	304		
Text			
Font	Tahoma, 12px	Horizontal alignment	Left
Vertical alignment	Top		
Limits			
Color for High limit violated	128, 128, 128	Color for Low limit violated	192, 192, 192
Miscellaneous			
Tooltip		Layer	0 - Layer_0
Name	Symbolic_IO_Field_Screen		
Security			
Authorization		Allow operator control	Checked
Dynamizations\Tag connection			
Property name	Process value	Tag	Tag_ScreenNumber

Owner	Project name	Abastecimento de água V11 - 1212C - Final	Date	6/21/2012	
	Operator	Project Path D:\Documents and Settings\Tiago\Desktop\Dissertação Mestrado V11\Abastecimento de água V11 - 1212C - Final			
Designed By	Location				
	Description 1st				
Checked By	Description 2nd		Language		en-US
	Approved By		1st View	Version	Sheet 11 - 9

HMI_1 [KTP600 Basic mono PN] / Screens

Quantidades e Níveis

Hardcopy of Quantidades e Níveis

Nome	
Nível de Água no Tanque:	Set-point Nível (Modo 4) (0-3000):
*0000 Litros	4000 Litros
Quantidade Total de Água Fornecida:	Set-point Nível (Modo 2 e 3) (0-3000):
*00000 m3	2000 Litros
Quantidade Parcial de Água Fornecida:	Diferencial Nível (Modo 3) (0-3000):
*00000 m3	3000 Litros
Reset da Água Parcial	

General			
Name	Quantidades e Níveis	Background color	192, 192, 192
Grid color	0, 0, 0	Number	5
Template		Tooltip	
Layers			
Active layer	0		

Specifies the layer.	Visible during configuration
Layer_0	Checked
Layer_1	Checked
Layer_2	Checked
Layer_3	Checked
Layer_4	Checked
Layer_5	Checked
Layer_6	Checked
Layer_7	Checked
Layer_8	Checked
Layer_9	Checked
Layer_10	Checked
Layer_11	Checked
Layer_12	Checked
Layer_13	Checked
Layer_14	Checked
Layer_15	Checked
Layer_16	Checked
Layer_17	Checked
Layer_18	Checked
Layer_19	Checked
Layer_20	Checked
Layer_21	Checked
Layer_22	Checked
Layer_23	Checked
Layer_24	Checked

Owner	Project name	Abastecimento de água V11 - 1212C - Final	Date	6/21/2012
	Operator	Project Path D:\Documents and Settings\Tiago\Desktop\Dissertação Mestrado V11\Abastecimento de água V11 - 1212C - Final		
Designed By	Location			
Checked By	Description 1st	Language en-US		
Approved By	Description 2nd	1st View	Version	Sheet 12 - 1

1

2

3

4

A

Specifies the layer.	Visible during configuration
Layer_25	Checked
Layer_26	Checked
Layer_27	Checked
Layer_28	Checked
Layer_29	Checked
Layer_30	Checked
Layer_31	Checked

Text field_1

B

Type	Text field		
General			
Text	Nível de Água no Tanque:		
Appearance			
Background color	192, 192, 192	Background fill pattern	Solid
Border color	0, 0, 0	3D border style	Unchecked
Border width	1	Line style	None
Foreground color	0, 0, 0		
Layout			
Bottom margin	0	Fit to size	Unchecked
Height	24	X position	19
Left margin	0	Right margin	2
Y position	38	Top margin	2
Width	144		

C

Text			
Font	Tahoma, 11px, style=Bold	Horizontal alignment	Left
Line break	Unchecked	Vertical alignment	Top
Flashing			
Flashing	None		
Miscellaneous			
Layer	0 - Layer_0	Name	Text field_1

D

I/O field_1			
Type	I/O field		
General			
Display format	Decimal	Field length	5
Format pattern	99999	Mode	Output
Process value		Shift decimal point	0
Show leading zeros	Unchecked		
Appearance			
Background color	255, 255, 255	Background fill pattern	Solid
Border color	0, 0, 0	3D border style	Unchecked
Line style	None	Foreground color	0, 0, 0
Unit			
Characteristics			
Hidden input	Unchecked		
Layout			
Bottom margin	2	Fit to size	Checked

E

Owner	Project name	Abastecimento de água V11 - 1212C - Final	Date	6/21/2012
Operator	Project Path	D:\Documents and Settings\Tiago\Desktop\Dissertação Mestrado V11\Abastecimento de água V11 - 1212C - Final		
Designed By	Description 1st	Location		
Checked By	Description 2nd	Language	en-US	
Approved By	1st View	Version	Sheet 12 - 2	

F

Height	17	X position	18
Left margin	2	Right margin	2
Y position	59	Top margin	2
Width	36		

Text

Font	Tahoma, 11px	Horizontal alignment	Left
Line break	Unchecked	Vertical alignment	Top

Limits

Color for High limit violated	128, 128, 128	Color for Low limit violated	192, 192, 192
--------------------------------------	---------------	-------------------------------------	---------------

Miscellaneous

Tooltip		Layer	0 - Layer_0
Name	I/O field_1		

Security

Authorization		Allow operator control	Checked
----------------------	--	-------------------------------	---------

Dynamizations\Tag connection

Property name	Process value	Tag	NIVEL.CONSOLE.UINT
----------------------	---------------	------------	--------------------

Text field_2

Type	Text field
-------------	------------

General

Text	Litros
-------------	--------

Appearance

Background color	192, 192, 192	Background fill pattern	Solid
Border color	0, 0, 0	3D border style	Unchecked
Border width	1	Line style	None
Foreground color	0, 0, 0		

Layout

Bottom margin	0	Fit to size	Unchecked
Height	24	X position	59
Left margin	0	Right margin	2
Y position	61	Top margin	2
Width	40		

Text

Font	Tahoma, 11px, style=Bold	Horizontal alignment	Left
Line break	Unchecked	Vertical alignment	Top

Flashing

Flashing	None
-----------------	------

Miscellaneous

Layer	0 - Layer_0	Name	Text field_2
--------------	-------------	-------------	--------------

Text field_3

Type	Text field
-------------	------------

General

Text	m3
-------------	----

Owner	Project name	Abastecimento de água V11 - 1212C - Final	Date	6/21/2012
	Operator	Project Path D:\Documents and Settings\Tiago\Desktop\Dissertação Mestrado V11\Abastecimento de água V11 - 1212C - Final		
Designed By	Location			
	Description 1st			
	Checked By	Description 2nd	Language	en-US
Approved By	1st View	Version	Sheet 12 - 3	

1

2

3

4

A

Appearance			
Background color	192, 192, 192	Background fill pattern	Solid
Border color	0, 0, 0	3D border style	Unchecked
Border width	1	Line style	None
Foreground color	0, 0, 0		

B

Layout			
Bottom margin	0	Fit to size	Unchecked
Height	24	X position	140
Left margin	0	Right margin	2
Y position	109	Top margin	2
Width	24		

Text			
Font	Tahoma, 11px, style=Bold	Horizontal alignment	Left
Line break	Unchecked	Vertical alignment	Top
Flashing			
Flashing	None		
Miscellaneous			
Layer	0 - Layer_0	Name	Text field_3

C

Text field_4	
Type	Text field
General	
Text	Quantidade Total de Água

Appearance			
Background color	192, 192, 192	Background fill pattern	Solid
Border color	0, 0, 0	3D border style	Unchecked
Border width	1	Line style	None
Foreground color	0, 0, 0		

D

Layout			
Bottom margin	0	Fit to size	Unchecked
Height	24	X position	18
Left margin	0	Right margin	2
Y position	87	Top margin	2
Width	149		

Text			
Font	Tahoma, 11px, style=Bold	Horizontal alignment	Left
Line break	Unchecked	Vertical alignment	Top
Flashing			
Flashing	None		
Miscellaneous			
Layer	0 - Layer_0	Name	Text field_4

E

I/O field_3	
Type	I/O field
General	
Display format	Decimal
Format pattern	999999
Field length	6
Mode	Output

F

Owner	Project name	Abastecimento de água V11 - 1212C - Final	Date	6/21/2012
Operator	Project Path	D:\Documents and Settings\Tiago\Desktop\Dissertação Mestrado V11\Abastecimento de água V11 - 1212C - Final		
Designed By	Description 1st	Location		
Checked By	Description 2nd	Language	en-US	
Approved By	1st View	Version	Sheet 12 - 4	

	1	2	3	4
A	Process value		Shift decimal point	0
	Show leading zeros	Unchecked		
B	Appearance			
	Background color	255, 255, 255	Background fill pattern	Solid
	Border color	0, 0, 0	3D border style	Unchecked
	Line style	None	Foreground color	0, 0, 0
	Unit			
	Characteristics			
	Hidden input	Unchecked		
	Layout			
	Bottom margin	2	Fit to size	Unchecked
	Height	16	X position	90
Left margin	2	Right margin	2	
Y position	108	Top margin	2	
Width	45			
C	Text			
	Font	Tahoma, 11px	Horizontal alignment	Left
	Line break	Unchecked	Vertical alignment	Top
	Limits			
	Color for High limit violated	128, 128, 128	Color for Low limit violated	192, 192, 192
	Miscellaneous			
	Tooltip		Layer	0 - Layer_0
	Name	I/O field_3		
	Security			
	Authorization		Allow operator control	Checked
D	Dynamizations\Tag connection			
	Property name	Process value	Tag	Backup Dados_agua.total
	Text field_5			
	Type	Text field		
	General			
	Text	Fornecida:		
	Appearance			
	Background color	192, 192, 192	Background fill pattern	Solid
	Border color	0, 0, 0	3D border style	Unchecked
	Border width	1	Line style	None
Foreground color	0, 0, 0			
E	Layout			
	Bottom margin	0	Fit to size	Unchecked
	Height	22	X position	18
	Left margin	0	Right margin	2
	Y position	107	Top margin	2
	Width	69		
	Text			
	Font	Tahoma, 11px, style=Bold	Horizontal alignment	Left

F	Owner	Project name	Abastecimento de água V11 - 1212C - Final	Date	6/21/2012
	Operator	Project Path	D:\Documents and Settings\Tiago\Desktop\Dissertação Mestrado V11\Abastecimento de água V11 - 1212C - Final		
Designed By	Description 1st	Location			
Checked By	Description 2nd	Language	en-US		
Approved By	1st View	Version	Sheet 12 - 5		

A

Line break	Unchecked	Vertical alignment	Top
Flashing			
Flashing	None		
Miscellaneous			
Layer	0 - Layer_0	Name	Text field_5

Text field_7

B

Type	Text field		
General			
Text	m3		
Appearance			
Background color	192, 192, 192	Background fill pattern	Solid
Border color	0, 0, 0	3D border style	Unchecked
Border width	1	Line style	None
Foreground color	0, 0, 0		

C

Layout			
Bottom margin	0	Fit to size	Unchecked
Height	24	X position	166
Left margin	0	Right margin	2
Y position	157	Top margin	2
Width	24		

Text			
Font	Tahoma, 11px, style=Bold	Horizontal alignment	Left
Line break	Unchecked	Vertical alignment	Top
Flashing			
Flashing	None		
Miscellaneous			
Layer	0 - Layer_0	Name	Text field_7

D

Text field_8

Type	Text field		
General			
Text	Quantidade Parcial de		
Appearance			
Background color	192, 192, 192	Background fill pattern	Solid
Border color	0, 0, 0	3D border style	Unchecked
Border width	1	Line style	None
Foreground color	0, 0, 0		

E

Layout			
Bottom margin	0	Fit to size	Unchecked
Height	24	X position	17
Left margin	0	Right margin	2
Y position	136	Top margin	2
Width	144		

Text			
Font	Tahoma, 11px, style=Bold	Horizontal alignment	Left
Line break	Unchecked	Vertical alignment	Top

F

Owner	Project name	Abastecimento de água V11 - 1212C - Final	Date	6/21/2012
Operator	Project Path	D:\Documents and Settings\Tiago\Desktop\Dissertação Mestrado V11\Abastecimento de água V11 - 1212C - Final		
Designed By	Description 1st			
Checked By	Description 2nd	Language	en-US	
Approved By	1st View	Version	Sheet 12 - 6	

A

Flashing			
Flashing	None		
Miscellaneous			
Layer	0 - Layer_0	Name	Text field_8

I/O field_4

B

Type	I/O field		
General			
Display format	Decimal	Field length	6
Format pattern	999999	Mode	Output
Process value		Shift decimal point	0
Show leading zeros	Unchecked		
Appearance			
Background color	255, 255, 255	Background fill pattern	Solid
Border color	0, 0, 0	3D border style	Unchecked
Line style	None	Foreground color	0, 0, 0
Unit			

C

Characteristics			
Hidden input	Unchecked		
Layout			
Bottom margin	2	Fit to size	Unchecked
Height	16	X position	116
Left margin	2	Right margin	2
Y position	156	Top margin	2
Width	45		
Text			
Font	Tahoma, 11px	Horizontal alignment	Left
Line break	Unchecked	Vertical alignment	Top

D

Limits			
Color for High limit violated	128, 128, 128	Color for Low limit violated	192, 192, 192
Miscellaneous			
Tooltip		Layer	0 - Layer_0
Name	I/O field_4		
Security			
Authorization		Allow operator control	Checked
Dynamizations\Tag connection			
Property name	Process value	Tag	Backup Dados_agua.parcial

E

Text field_9			
Type	Text field		
General			
Text	Água Fornecida:		
Appearance			
Background color	192, 192, 192	Background fill pattern	Solid
Border color	0, 0, 0	3D border style	Unchecked
Border width	1	Line style	None

F

Owner	Project name	Abastecimento de água V11 - 1212C - Final	Date	6/21/2012
Operator	Project Path	D:\Documents and Settings\Tiago\Desktop\Dissertação Mestrado V11\Abastecimento de água V11 - 1212C - Final		
Designed By	Description 1st			
Checked By	Description 2nd	Language	en-US	
Approved By	1st View	Version	Sheet 12 - 7	

A

Foreground color	0, 0, 0		
Layout			
Bottom margin	0	Fit to size	Unchecked
Height	22	X position	16
Left margin	0	Right margin	2
Y position	156	Top margin	2
Width	92		

B

Text			
Font	Tahoma, 11px, style=Bold	Horizontal alignment	Left
Line break	Unchecked	Vertical alignment	Top
Flashing			
Flashing	None		
Miscellaneous			
Layer	0 - Layer_0	Name	Text field_9

Text field_27

C

Type	Text field		
General			
Text	Reset da Água Parcial		
Appearance			
Background color	192, 192, 192	Background fill pattern	Solid
Border color	0, 0, 0	3D border style	Unchecked
Border width	1	Line style	None
Foreground color	0, 0, 0		

D

Layout			
Bottom margin	0	Fit to size	Checked
Height	15	X position	23
Left margin	0	Right margin	2
Y position	197	Top margin	2
Width	107		
Text			
Font	Tahoma, 11px	Horizontal alignment	Left
Line break	Unchecked	Vertical alignment	Top
Flashing			
Flashing	None		
Miscellaneous			
Layer	0 - Layer_0	Name	Text field_27

Rectangle_1

E

Type	Rectangle		
Appearance			
Background color	255, 255, 255	Background fill pattern	Transparent
Border color	0, 0, 0	Border width	1
Line style	Solid		
Layout			
Height	24	X position	15

F

Owner	Project name Abastecimento de água V11 - 1212C - Final	Date 6/21/2012
Operator	Project Path D:\Documents and Settings\Tiago\Desktop\Dissertação Mestrado V11\Abastecimento de água V11 - 1212C - Final	
Designed By	Description 1st	
Checked By	Description 2nd	Language en-US
Approved By	1st View	Version Sheet 12 - 8

A

Round corner height	0	Round corner width	0
Y position	193	Width	121
Miscellaneous			
Layer	0 - Layer_0	Name	Rectangle_1

Switch_4

B

Type	Switch		
General			
Label text	Switch	Mode	Switch with graphic
Value status ON	1	Process value	
Text OFF	0	Text ON	1
Appearance			
Background color	255, 255, 255	Foreground color	0, 0, 0
Design			
3D border style	Checked	Focus color	0, 0, 0
Layout			
Fit to size	Unchecked	Height	32
X position	143	Y position	190
Width	32		

C

Text			
Font	Tahoma, 11px	Horizontal alignment	Centered
Vertical alignment	Middle		
Limits			
Color for High limit violated	128, 128, 128	Color for Low limit violated	192, 192, 192
Miscellaneous			
Tooltip		Layer	0 - Layer_0

D

Name	Switch_4		
Security			
Authorization	Operate	Allow operator control	Checked
Dynamizations\Tag connection			
Property name	Process value	Tag	RESET.AGUA

Text field_11

E

Type	Text field		
General			
Text	Set-point Nivel		
Appearance			
Background color	192, 192, 192	Background fill pattern	Solid
Border color	0, 0, 0	3D border style	Unchecked
Border width	1	Line style	None
Foreground color	0, 0, 0		
Layout			
Bottom margin	0	Fit to size	Unchecked
Height	24	X position	217
Left margin	0	Right margin	2
Y position	105	Top margin	2

F

Owner	Project name Abastecimento de água V11 - 1212C - Final	Date 6/21/2012
Operator	Project Path D:\Documents and Settings\Tiago\Desktop\Dissertação Mestrado V11\Abastecimento de água V11 - 1212C - Final	
	Location	
Designed By	Description 1st	
Checked By	Description 2nd	Language en-US
Approved By	1st View	Version
		Sheet 12 - 9

A

Width	88		
Text			
Font	Tahoma, 11px, style=Bold	Horizontal alignment	Left
Line break	Unchecked	Vertical alignment	Top
Flashing			
Flashing	None		
Miscellaneous			
Layer	0 - Layer_0	Name	Text field_11

B

I/O field_5			
Type	I/O field		
General			
Display format	Decimal	Field length	4
Format pattern	9999	Mode	Input/output
Process value		Shift decimal point	0
Show leading zeros	Unchecked		

C

Appearance			
Background color	255, 255, 255	Background fill pattern	Solid
Border color	0, 0, 0	3D border style	Unchecked
Line style	None		
Unit			
Characteristics			
Hidden input	Unchecked		
Layout			
Bottom margin	2	Fit to size	Unchecked
Height	16	X position	230
Left margin	2	Right margin	2
Y position	142	Top margin	2
Width	32		

D

Text			
Font	Tahoma, 11px	Horizontal alignment	Left
Line break	Unchecked	Vertical alignment	Top
Limits			
Color for High limit violated	128, 128, 128	Color for Low limit violated	192, 192, 192
Miscellaneous			
Tooltip		Layer	0 - Layer_0
Name	I/O field_5		

E

Security			
Authorization	Operate	Allow operator control	Checked
Dynamizations\Tag connection			
Property name	Process value	Tag	Backup Dados_set.point.agua.mod0.2

Text field_13			
----------------------	--	--	--

Type	Text field
-------------	------------

F

Owner	Project name Abastecimento de água V11 - 1212C - Final	Date 6/21/2012
Operator	Project Path D:\Documents and Settings\Tiago\Desktop\Dissertação Mestrado V11\Abastecimento de água V11 - 1212C - Final	
Designed By	Location	
Checked By	Description 1st	Language en-US
Approved By	Description 2nd	Version
	1st View	Sheet 12 - 10

1

2

3

4

A

General			
Text	(Modo 2 e 3)		
Appearance			
Background color	192, 192, 192	Background fill pattern	Solid
Border color	0, 0, 0	3D border style	Unchecked
Border width	1	Line style	None
Foreground color	0, 0, 0		
Layout			
Bottom margin	0	Fit to size	Unchecked
Height	17	X position	177
Left margin	0	Right margin	2
Y position	120	Top margin	2
Width	79		
Text			
Font	Tahoma, 11px, style=Bold	Horizontal alignment	Left
Line break	Unchecked	Vertical alignment	Top
Flashing			
Flashing	None		
Miscellaneous			
Layer	0 - Layer_0	Name	Text field_13

B

C

Text field_14

Type	Text field		
General			
Text	Diferencial Nivel		
Appearance			
Background color	192, 192, 192	Background fill pattern	Solid
Border color	0, 0, 0	3D border style	Unchecked
Border width	1	Line style	None
Foreground color	0, 0, 0		
Layout			
Bottom margin	0	Fit to size	Unchecked
Height	24	X position	209
Left margin	0	Right margin	2
Y position	170	Top margin	2
Width	96		
Text			
Font	Tahoma, 11px, style=Bold	Horizontal alignment	Left
Line break	Unchecked	Vertical alignment	Top
Flashing			
Flashing	None		
Miscellaneous			
Layer	0 - Layer_0	Name	Text field_14

D

E

Text field_15

Type	Text field
------	------------

F

Owner	Project name	Abastecimento de água V11 - 1212C - Final	Date	6/21/2012
Operator	Project Path	D:\Documents and Settings\Tiago\Desktop\Dissertação Mestrado V11\Abastecimento de água V11 - 1212C - Final		
Designed By	Description 1st	Location		
Checked By	Description 2nd	Language	en-US	
Approved By	1st View	Version	Sheet 12 - 11	

A

General			
Text	(Modo 3)		
Appearance			
Background color	192, 192, 192	Background fill pattern	Solid
Border color	0, 0, 0	3D border style	Unchecked
Border width	1	Line style	None
Foreground color	0, 0, 0		
Layout			
Bottom margin	0	Fit to size	Unchecked
Height	16	X position	195
Left margin	0	Right margin	2
Y position	184	Top margin	2
Width	56		
Text			
Font	Tahoma, 11px, style=Bold	Horizontal alignment	Left
Line break	Unchecked	Vertical alignment	Top
Flashing			
Flashing	None		
Miscellaneous			
Layer	0 - Layer_0	Name	Text field_15

B

C

I/O field_6			
Type	I/O field		
General			
Display format	Decimal	Field length	4
Format pattern	9999	Mode	Input/output
Process value		Shift decimal point	0
Show leading zeros	Unchecked		
Appearance			
Background color	255, 255, 255	Background fill pattern	Solid
Border color	0, 0, 0	3D border style	Unchecked
Line style	None	Foreground color	0, 0, 0
Unit			
Characteristics			
Hidden input	Unchecked		
Layout			
Bottom margin	2	Fit to size	Unchecked
Height	16	X position	229
Left margin	2	Right margin	2
Y position	207	Top margin	2
Width	32		
Text			
Font	Tahoma, 11px	Horizontal alignment	Left
Line break	Unchecked	Vertical alignment	Top
Limits			
Color for High limit violated	128, 128, 128	Color for Low limit violated	192, 192, 192

D

E

F

Owner	Project name Abastecimento de água V11 - 1212C - Final	Date 6/21/2012
Operator	Project Path D:\Documents and Settings\Tiago\Desktop\Dissertação Mestrado V11\Abastecimento de água V11 - 1212C - Final	
Designed By	Description 1st	
Checked By	Description 2nd	Language en-US
Approved By	1st View	Version Sheet 12 - 12

A

Miscellaneous			
Tooltip		Layer	0 - Layer_0
Name	I/O field_6		
Security			
Authorization	Operate	Allow operator control	Checked
Dynamizations\Tag connection			
Property name	Process value	Tag	Backup Dados_diferencial.mod0.3

B

Text field_12			
Type	Text field		
General			
Text	Litros		
Appearance			
Background color	192, 192, 192	Background fill pattern	Solid
Border color	0, 0, 0	3D border style	Unchecked
Border width	1	Line style	None
Foreground color	0, 0, 0		
Layout			
Bottom margin	0	Fit to size	Unchecked
Height	24	X position	267
Left margin	0	Right margin	2
Y position	143	Top margin	2
Width	40		
Text			
Font	Tahoma, 11px, style=Bold	Horizontal alignment	Left
Line break	Unchecked	Vertical alignment	Top

C

Flashing			
Flashing	None		
Miscellaneous			
Layer	0 - Layer_0	Name	Text field_12

D

Text field_16			
Type	Text field		
General			
Text	Litros		
Appearance			
Background color	192, 192, 192	Background fill pattern	Solid
Border color	0, 0, 0	3D border style	Unchecked
Border width	1	Line style	None
Foreground color	0, 0, 0		
Layout			
Bottom margin	0	Fit to size	Unchecked
Height	24	X position	267
Left margin	0	Right margin	2
Y position	207	Top margin	2
Width	40		

E

F

Owner	Project name Abastecimento de água V11 - 1212C - Final	Date 6/21/2012
Operator	Project Path D:\Documents and Settings\Tiago\Desktop\Dissertação Mestrado V11\Abastecimento de água V11 - 1212C - Final	
Designed By	Description 1st	
Checked By	Description 2nd	Language en-US
Approved By	1st View	Version Sheet 12 - 13

1

2

3

4

A

Text			
Font	Tahoma, 11px, style=Bold	Horizontal alignment	Left
Line break	Unchecked	Vertical alignment	Top
Flashing			
Flashing	None		
Miscellaneous			
Layer	0 - Layer_0	Name	Text field_16

Text field_17

Type	Text field		
General			
Text	(0-3000):		
Appearance			
Background color	192, 192, 192	Background fill pattern	Solid
Border color	0, 0, 0	3D border style	Unchecked
Border width	1	Line style	None
Foreground color	0, 0, 0		
Layout			
Bottom margin	0	Fit to size	Unchecked
Height	16	X position	248
Left margin	0	Right margin	2
Y position	187	Top margin	2
Width	52		

B

C

Text			
Font	Tahoma, 9px, style=Bold	Horizontal alignment	Left
Line break	Unchecked	Vertical alignment	Top
Flashing			
Flashing	None		
Miscellaneous			
Layer	0 - Layer_0	Name	Text field_17

Text field_6

Type	Text field		
General			
Text	(0-3000):		
Appearance			
Background color	192, 192, 192	Background fill pattern	Solid
Border color	0, 0, 0	3D border style	Unchecked
Border width	1	Line style	None
Foreground color	0, 0, 0		
Layout			
Bottom margin	0	Fit to size	Unchecked
Height	16	X position	249
Left margin	0	Right margin	2
Y position	122	Top margin	2
Width	52		

D

E

Owner	Project name Abastecimento de água V11 - 1212C - Final	Date 6/21/2012
Operator	Project Path D:\Documents and Settings\Tiago\Desktop\Dissertação Mestrado V11\Abastecimento de água V11 - 1212C - Final	
	Location	
Designed By	Description 1st	
Checked By	Description 2nd	Language en-US
Approved By	1st View	Version
		Sheet 12 - 14

F

A

Text			
Font	Tahoma, 9px, style=Bold	Horizontal alignment	Left
Line break	Unchecked	Vertical alignment	Top
Flashing			
Flashing	None		
Miscellaneous			
Layer	0 - Layer_0	Name	Text field_6

B

Text field_10			
Type	Text field		
General			
Text	Set-point Nivel		
Appearance			
Background color	192, 192, 192	Background fill pattern	Solid
Border color	0, 0, 0	3D border style	Unchecked
Border width	1	Line style	None
Foreground color	0, 0, 0		
Layout			
Bottom margin	0	Fit to size	Unchecked
Height	24	X position	215
Left margin	0	Right margin	2
Y position	40	Top margin	2
Width	88		

C

Text			
Font	Tahoma, 11px, style=Bold	Horizontal alignment	Left
Line break	Unchecked	Vertical alignment	Top
Flashing			
Flashing	None		
Miscellaneous			
Layer	0 - Layer_0	Name	Text field_10

D

Text field_18			
Type	Text field		
General			
Text	(Modo 4)		
Appearance			
Background color	192, 192, 192	Background fill pattern	Solid
Border color	0, 0, 0	3D border style	Unchecked
Border width	1	Line style	None
Foreground color	0, 0, 0		
Layout			
Bottom margin	0	Fit to size	Unchecked
Height	16	X position	194
Left margin	0	Right margin	2
Y position	56	Top margin	2
Width	56		

E

F

Owner	Project name Abastecimento de água V11 - 1212C - Final	Date 6/21/2012
Operator	Project Path D:\Documents and Settings\Tiago\Desktop\Dissertação Mestrado V11\Abastecimento de água V11 - 1212C - Final	
	Location	
Designed By	Description 1st	
Checked By	Description 2nd	Language en-US
Approved By	1st View	Version
		Sheet 12 - 15

1

2

3

4

A

Text			
Font	Tahoma, 11px, style=Bold	Horizontal alignment	Left
Line break	Unchecked	Vertical alignment	Top
Flashing			
Flashing	None		
Miscellaneous			
Layer	0 - Layer_0	Name	Text field_18

B

Text field_19			
Type	Text field		
General			
Text	(0-3000):		
Appearance			
Background color	192, 192, 192	Background fill pattern	Solid
Border color	0, 0, 0	3D border style	Unchecked
Border width	1	Line style	None
Foreground color	0, 0, 0		
Layout			
Bottom margin	0	Fit to size	Unchecked
Height	16	X position	246
Left margin	0	Right margin	2
Y position	58	Top margin	2
Width	52		

C

Text			
Font	Tahoma, 9px, style=Bold	Horizontal alignment	Left
Line break	Unchecked	Vertical alignment	Top
Flashing			
Flashing	None		
Miscellaneous			
Layer	0 - Layer_0	Name	Text field_19

D

I/O field_2			
Type	I/O field		
General			
Display format	Decimal	Field length	4
Format pattern	9999	Mode	Input/output
Process value		Shift decimal point	0
Show leading zeros	Unchecked		
Appearance			
Background color	255, 255, 255	Background fill pattern	Solid
Border color	0, 0, 0	3D border style	Unchecked
Line style	None	Foreground color	0, 0, 0
Unit			
Characteristics			
Hidden input	Unchecked		
Layout			
Bottom margin	2	Fit to size	Unchecked

E

F

Owner	Project name	Abastecimento de água V11 - 1212C - Final	Date	6/21/2012
Operator	Project Path	D:\Documents and Settings\Tiago\Desktop\Dissertação Mestrado V11\Abastecimento de água V11 - 1212C - Final		
	Location			
Designed By	Description 1st			
Checked By	Description 2nd	Language	en-US	
Approved By	1st View	Version	Sheet 12 - 16	

Height	16	X position	230
Left margin	2	Right margin	2
Y position	78	Top margin	2
Width	32		
Text			
Font	Tahoma, 11px	Horizontal alignment	Left
Line break	Unchecked	Vertical alignment	Top
Limits			
Color for High limit violated	128, 128, 128	Color for Low limit violated	192, 192, 192
Miscellaneous			
Tooltip		Layer	0 - Layer_0
Name	I/O field_2		
Security			
Authorization	Operate	Allow operator control	Checked
Dynamizations\Tag connection			
Property name	Process value	Tag	Backup Dados_set.point.agua.mod0.4

Text field_20			
Type	Text field		
General			
Text	Litros		
Appearance			
Background color	192, 192, 192	Background fill pattern	Solid
Border color	0, 0, 0	3D border style	Unchecked
Border width	1	Line style	None
Foreground color	0, 0, 0		
Layout			
Bottom margin	0	Fit to size	Unchecked
Height	24	X position	267
Left margin	0	Right margin	2
Y position	78	Top margin	2
Width	40		
Text			
Font	Tahoma, 11px, style=Bold	Horizontal alignment	Left
Line break	Unchecked	Vertical alignment	Top
Flashing			
Flashing	None		
Miscellaneous			
Layer	0 - Layer_0	Name	Text field_20

Symbolic_IO_Field_Screen			
Type	Symbolic I/O field		
General			
Bit number	0	Field length	20
Mode	Input/output	Value status ON	1

Owner	Project name	Abastecimento de água V11 - 1212C - Final	Date	6/21/2012	
	Operator	Project Path D:\Documents and Settings\Tiago\Desktop\Dissertação Mestrado V11\Abastecimento de água V11 - 1212C - Final			
Designed By	Location				
	Description 1st				
	Checked By	Description 2nd		Language	en-US
Approved By	1st View		Version	Sheet	12 - 17

1	2	3	4
Process value	0	Text list	TextList_ScreenNames
Text OFF	0	Text ON	1
Appearance			
Background color	255, 255, 255	Background fill pattern	Solid
Border color	0, 0, 0	Border width	1
Line style	Solid	Foreground color	0, 0, 0
Layout			
Bottom margin	2	Fit to size	Unchecked
Height	20	X position	8
Left margin	2	Right margin	2
Y position	5	Top margin	2
Width	304		
Text			
Font	Tahoma, 12px	Horizontal alignment	Left
Vertical alignment	Top		
Limits			
Color for High limit violated	128, 128, 128	Color for Low limit violated	192, 192, 192
Miscellaneous			
Tooltip		Layer	0 - Layer_0
Name	Symbolic_IO_Field_Screen		
Security			
Authorization		Allow operator control	Checked
Dynamizations\Tag connection			
Property name	Process value	Tag	Tag_ScreenNumber

A

B

C

D

E

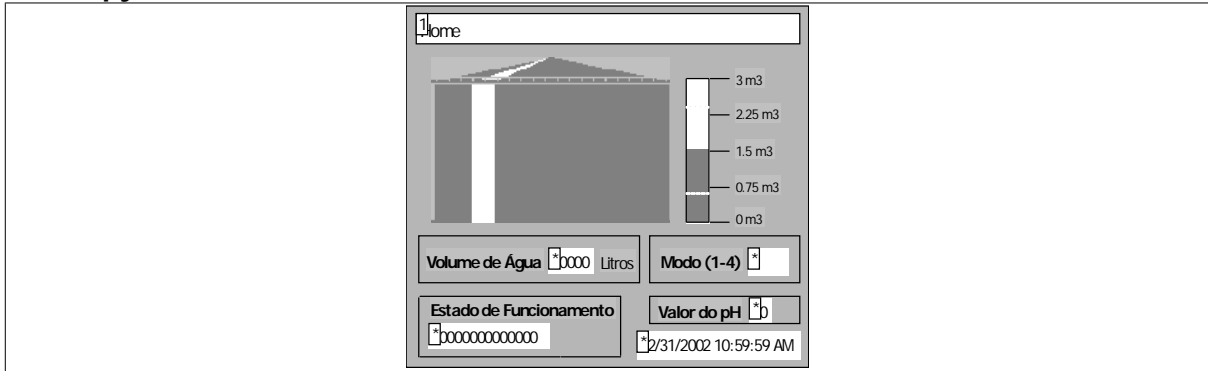
F

Owner	Project name	Abastecimento de água V11 - 1212C - Final	Date	6/21/2012
Operator	Project Path	D:\Documents and Settings\Tiago\Desktop\Dissertação Mestrado V11\Abastecimento de água V11 - 1212C - Final		
	Location			
Designed By	Description 1st			
Checked By	Description 2nd	Language	en-US	
Approved By	1st View	Version	Sheet 12 - 18	

HMI_1 [KTP600 Basic mono PN] / Screens

Visualização Geral

Hardcopy of Visualização Geral



General			
Name	Visualização Geral	Background color	192, 192, 192
Grid color	0, 0, 0	Number	2
Template		Tooltip	

Layers

Active layer	0
--------------	---

Specifies the layer.	Visible during configuration
Layer_0	Checked
Layer_1	Checked
Layer_2	Checked
Layer_3	Checked
Layer_4	Checked
Layer_5	Checked
Layer_6	Checked
Layer_7	Checked
Layer_8	Checked
Layer_9	Checked
Layer_10	Checked
Layer_11	Checked
Layer_12	Checked
Layer_13	Checked
Layer_14	Checked
Layer_15	Checked
Layer_16	Checked
Layer_17	Checked
Layer_18	Checked
Layer_19	Checked
Layer_20	Checked
Layer_21	Checked
Layer_22	Checked
Layer_23	Checked
Layer_24	Checked

Owner	Project name	Abastecimento de água V11 - 1212C - Final	Date	6/21/2012
	Operator	Project Path D:\Documents and Settings\Tiago\Desktop\Dissertação Mestrado V11\Abastecimento de água V11 - 1212C - Final		
Designed By	Location			
	Description 1st			
Checked By	Description 2nd		Language	en-US
Approved By	1st View	Version	Sheet 13 - 1	

A

Specifies the layer.	Visible during configuration
Layer_25	Checked
Layer_26	Checked
Layer_27	Checked
Layer_28	Checked
Layer_29	Checked
Layer_30	Checked
Layer_31	Checked

B

Graphic view			
Type	Graphic view		
General			
Graphic	Graphic_4		
Appearance			
Background color	255, 255, 255	Border color	0, 0, 0
Border width	1	Line style	None
Layout			
Fit to size	Unchecked	Height	109
X position	20	Y position	34
Width	189		
Miscellaneous			
Layer	0 - Layer_0	Name	Graphic view

C

Bar_1			
Type	Bar		
General			
Maximum value	27200	Minimum value	0
Process value	0		
Appearance			
Background color	255, 255, 255	Foreground color	128, 128, 128
Color of scale	0, 0, 0	Segment coloring	Entire bar
Show limit markers	Unchecked		
Design			
Background color of bar	255, 255, 255	Bar edge style	Solid
3D border style	Unchecked		
Scale			
Divisions	20	Large mark labeling	2
Scale gradation	20	Show scale	Unchecked
Auto-scale	Unchecked		
Label			
Integer digits	5	Decimal places	0
Double-lined scale label	Unchecked	Show "+" for positive numbers	Unchecked
Show scale marks	Checked	Use exponential format	Unchecked
Unit			
Layout			
Bar orientation	Top	Height	96
X position	222	Scale position	Right/down
Y position	48	Width	19

D

E

F

Owner	Project name	Abastecimento de água V11 - 1212C - Final	Date	6/21/2012
Operator	Project Path	D:\Documents and Settings\Tiago\Desktop\Dissertação Mestrado V11\Abastecimento de água V11 - 1212C - Final		
Designed By	Description 1st	Location		
Checked By	Description 2nd	Language	en-US	
Approved By	1st View	Version	Sheet 13 - 2	

1

2

3

4

A

Text			
Font	Tahoma, 11px		
Limits			
Color low limit alarms	192, 192, 192	Color high limit alarms	128, 128, 128
Show limit lines	Checked		
Miscellaneous			
Layer	0 - Layer_0	Name	Bar_1
Dynamizations\Tag connection			
Property name	Process value	Tag	ANALOG.INPUT.1

B

Line_1			
Type	Line		
Appearance			
Background color	255, 255, 255	Color	0, 0, 0
Line-end style	Default	Fill pattern	Transparent
Line-end shape	Round	Line width	1
Line-start style	Default	Line style	Solid
Layout			
Line end X position	257	Line end Y position	48
Height	0	X position	241
Line start X position	241	Line start Y position	48
Y position	48	Width	16
Miscellaneous			
Layer	0 - Layer_0	Name	Line_1

C

Line_2			
Type	Line		
Appearance			
Background color	255, 255, 255	Color	0, 0, 0
Line-end style	Default	Fill pattern	Transparent
Line-end shape	Round	Line width	1
Line-start style	Default	Line style	Solid
Layout			
Line end X position	257	Line end Y position	143
Height	0	X position	241
Line start X position	241	Line start Y position	143
Y position	143	Width	16
Miscellaneous			
Layer	0 - Layer_0	Name	Line_2

D

Line_5			
Type	Line		
Appearance			
Background color	255, 255, 255	Color	0, 0, 0
Line-end style	Default	Fill pattern	Transparent
Line-end shape	Round	Line width	1
Line-start style	Default	Line style	Solid
Layout			
Line end X position	257	Line end Y position	96

E

F

Owner	Project name	Abastecimento de água V11 - 1212C - Final	Date	6/21/2012
Operator	Project Path	D:\Documents and Settings\Tiago\Desktop\Dissertação Mestrado V11\Abastecimento de água V11 - 1212C - Final		
Designed By	Description 1st	Location		
Checked By	Description 2nd	Language	en-US	
Approved By	1st View	Version	Sheet 13 - 3	

Height	0	X position	241
Line start X position	241	Line start Y position	96
Y position	96	Width	16
Miscellaneous			
Layer	0 - Layer_0	Name	Line_5

Line_7

Type	Line		
Appearance			
Background color	255, 255, 255	Color	0, 0, 0
Line-end style	Default	Fill pattern	Transparent
Line-end shape	Round	Line width	1
Line-start style	Default	Line style	Solid
Layout			
Line end X position	257	Line end Y position	72
Height	0	X position	241
Line start X position	241	Line start Y position	72
Y position	72	Width	16
Miscellaneous			
Layer	0 - Layer_0	Name	Line_7

Line_8

Type	Line		
Appearance			
Background color	255, 255, 255	Color	0, 0, 0
Line-end style	Default	Fill pattern	Transparent
Line-end shape	Round	Line width	1
Line-start style	Default	Line style	Solid
Layout			
Line end X position	257	Line end Y position	120
Height	0	X position	241
Line start X position	241	Line start Y position	120
Y position	120	Width	16
Miscellaneous			
Layer	0 - Layer_0	Name	Line_8

Text field_2

Type	Text field		
General			
Text	3 m3		
Appearance			
Background color	192, 192, 192	Background fill pattern	Solid
Border color	0, 0, 0	3D border style	Unchecked
Border width	1	Line style	None
Foreground color	0, 0, 0		
Layout			
Bottom margin	0	Fit to size	Checked
Height	13	X position	261
Left margin	0	Right margin	2

Owner	Project name	Abastecimento de água V11 - 1212C - Final	Date	6/21/2012
Operator	Project Path	D:\Documents and Settings\Tiago\Desktop\Dissertação Mestrado V11\Abastecimento de água V11 - 1212C - Final		
Designed By	Description 1st	Location		
Checked By	Description 2nd	Language	en-US	
Approved By	1st View	Version	Sheet 13 - 4	

A

Y position	41	Top margin	2
Width	23		
Text			
Font	Tahoma, 9px	Horizontal alignment	Left
Line break	Unchecked	Vertical alignment	Top
Flashing			
Flashing	None		
Miscellaneous			
Layer	0 - Layer_0	Name	Text field_2

B

Text field_3			
Type	Text field		
General			
Text	2.25 m3		
Appearance			
Background color	192, 192, 192	Background fill pattern	Solid
Border color	0, 0, 0	3D border style	Unchecked
Border width	1	Line style	None
Foreground color	0, 0, 0		

C

Layout			
Bottom margin	0	Fit to size	Checked
Height	13	X position	261
Left margin	0	Right margin	2
Y position	64	Top margin	2
Width	36		
Text			
Font	Tahoma, 9px	Horizontal alignment	Left
Line break	Unchecked	Vertical alignment	Top
Flashing			
Flashing	None		
Miscellaneous			
Layer	0 - Layer_0	Name	Text field_3

D

Text field_4			
Type	Text field		
General			
Text	1.5 m3		
Appearance			
Background color	192, 192, 192	Background fill pattern	Solid
Border color	0, 0, 0	3D border style	Unchecked
Border width	1	Line style	None
Foreground color	0, 0, 0		

E

Layout			
Bottom margin	0	Fit to size	Checked
Height	13	X position	261
Left margin	0	Right margin	2
Y position	88	Top margin	2

F

Owner	Project name	Abastecimento de água V11 - 1212C - Final		Date	6/21/2012
Operator	Project Path	D:\Documents and Settings\Tiago\Desktop\Dissertação Mestrado V11\Abastecimento de água V11 - 1212C - Final			
Designed By	Description 1st	Location			
Checked By	Description 2nd	Language	en-US		
Approved By	1st View	Version	Sheet 13 - 5		

A

Width	31		
Text			
Font	Tahoma, 9px	Horizontal alignment	Left
Line break	Unchecked	Vertical alignment	Top
Flashing			
Flashing	None		
Miscellaneous			
Layer	0 - Layer_0	Name	Text field_4

B

Text field_5			
Type	Text field		
General			
Text	0.75 m3		
Appearance			
Background color	192, 192, 192	Background fill pattern	Solid
Border color	0, 0, 0	3D border style	Unchecked
Border width	1	Line style	None
Foreground color	0, 0, 0		

C

Layout			
Bottom margin	0	Fit to size	Checked
Height	13	X position	261
Left margin	0	Right margin	2
Y position	112	Top margin	2
Width	36		
Text			
Font	Tahoma, 9px	Horizontal alignment	Left

D

Line break	Unchecked	Vertical alignment	Top
Flashing			
Flashing	None		
Miscellaneous			
Layer	0 - Layer_0	Name	Text field_5

E

Text field_6			
Type	Text field		
General			
Text	0 m3		
Appearance			
Background color	192, 192, 192	Background fill pattern	Solid
Border color	0, 0, 0	3D border style	Unchecked
Border width	1	Line style	None
Foreground color	0, 0, 0		
Layout			
Bottom margin	0	Fit to size	Checked
Height	13	X position	261
Left margin	0	Right margin	2
Y position	133	Top margin	2
Width	23		

F

Owner	Project name Abastecimento de água V11 - 1212C - Final	Date 6/21/2012
Operator	Project Path D:\Documents and Settings\Tiago\Desktop\Dissertação Mestrado V11\Abastecimento de água V11 - 1212C - Final	
Designed By	Description 1st	
Checked By	Description 2nd	Language en-US
Approved By	1st View	Version Sheet 13 - 6

A

Text			
Font	Tahoma, 9px	Horizontal alignment	Left
Line break	Unchecked	Vertical alignment	Top
Flashing			
Flashing	None		
Miscellaneous			
Layer	0 - Layer_0	Name	Text field_6

B

I/O field_1			
Type	I/O field		
General			
Display format	Decimal	Field length	5
Format pattern	99999	Mode	Output
Process value		Shift decimal point	0
Show leading zeros	Unchecked		
Appearance			
Background color	255, 255, 255	Background fill pattern	Solid
Border color	0, 0, 0	3D border style	Unchecked
Line style	None	Foreground color	0, 0, 0
Unit			

C

Characteristics			
Hidden input	Unchecked		
Layout			
Bottom margin	2	Fit to size	Checked
Height	17	X position	113
Left margin	2	Right margin	2
Y position	160	Top margin	2
Width	36		

D

Text			
Font	Tahoma, 11px	Horizontal alignment	Left
Line break	Unchecked	Vertical alignment	Top
Limits			
Color for High limit violated	128, 128, 128	Color for Low limit violated	192, 192, 192
Miscellaneous			
Tooltip		Layer	0 - Layer_0
Name	I/O field_1		
Security			
Authorization		Allow operator control	Checked
Dynamizations\Tag connection			
Property name	Process value	Tag	NIVEL.CONSOLE.UINT

E

Text field_11			
Type	Text field		
General			
Text	Volume de Água		

F

Owner	Project name	Abastecimento de água V11 - 1212C - Final	Date	6/21/2012
Operator	Project Path	D:\Documents and Settings\Tiago\Desktop\Dissertação Mestrado V11\Abastecimento de água V11 - 1212C - Final		
Designed By	Description 1st			
Checked By	Description 2nd	Language	en-US	
Approved By	1st View	Version	Sheet 13 - 7	

1

2

3

4

A

Appearance			
Background color	192, 192, 192	Background fill pattern	Solid
Border color	0, 0, 0	3D border style	Unchecked
Border width	1	Line style	None
Foreground color	0, 0, 0		

B

Layout			
Bottom margin	0	Fit to size	Checked
Height	15	X position	16
Left margin	0	Right margin	2
Y position	160	Top margin	2
Width	93		

Text			
Font	Tahoma, 11px, style=Bold	Horizontal alignment	Left
Line break	Unchecked	Vertical alignment	Top
Flashing			
Flashing	None		
Miscellaneous			
Layer	0 - Layer_0	Name	Text field_11

Text field_12

C

Type	Text field
------	------------

General	
Text	Litros

Appearance			
Background color	192, 192, 192	Background fill pattern	Solid
Border color	0, 0, 0	3D border style	Unchecked
Border width	1	Line style	None
Foreground color	0, 0, 0		

Layout			
Bottom margin	0	Fit to size	Checked
Height	15	X position	154
Left margin	0	Right margin	2
Y position	161	Top margin	2
Width	28		

Text			
Font	Tahoma, 11px	Horizontal alignment	Left
Line break	Unchecked	Vertical alignment	Top
Flashing			
Flashing	None		
Miscellaneous			
Layer	0 - Layer_0	Name	Text field_12

D

Text			
Font	Tahoma, 11px	Horizontal alignment	Left
Line break	Unchecked	Vertical alignment	Top
Flashing			
Flashing	None		
Miscellaneous			
Layer	0 - Layer_0	Name	Text field_12

Text			
Font	Tahoma, 11px	Horizontal alignment	Left
Line break	Unchecked	Vertical alignment	Top
Flashing			
Flashing	None		
Miscellaneous			
Layer	0 - Layer_0	Name	Text field_12

Text			
Font	Tahoma, 11px	Horizontal alignment	Left
Line break	Unchecked	Vertical alignment	Top
Flashing			
Flashing	None		
Miscellaneous			
Layer	0 - Layer_0	Name	Text field_12

Text field_13

E

Type	Text field
------	------------

General	
Text	Modo (1-4)

Text	Modo (1-4)
------	------------

F

Owner	Project name	Abastecimento de água V11 - 1212C - Final	Date	6/21/2012
Operator	Project Path	D:\Documents and Settings\Tiago\Desktop\Dissertação Mestrado V11\Abastecimento de água V11 - 1212C - Final		
Designed By	Description 1st	Location		
Checked By	Description 2nd	Language	en-US	
Approved By	1st View	Version	Sheet 13 - 8	

1

2

3

4

A

Appearance			
Background color	192, 192, 192	Background fill pattern	Solid
Border color	0, 0, 0	3D border style	Unchecked
Border width	1	Line style	None
Foreground color	0, 0, 0		

B

Layout			
Bottom margin	0	Fit to size	Checked
Height	15	X position	202
Left margin	0	Right margin	2
Y position	160	Top margin	2
Width	65		

Text			
Font	Tahoma, 11px, style=Bold	Horizontal alignment	Left
Line break	Unchecked	Vertical alignment	Top
Flashing			
Flashing	None		
Miscellaneous			
Layer	0 - Layer_0	Name	Text field_13

Text field_14

C

Type	Text field		
------	------------	--	--

General			
Text	Valor do pH		

Appearance			
Background color	192, 192, 192	Background fill pattern	Solid
Border color	0, 0, 0	3D border style	Unchecked
Border width	1	Line style	None
Foreground color	0, 0, 0		

Layout			
Bottom margin	0	Fit to size	Checked
Height	15	X position	200
Left margin	0	Right margin	2
Y position	193	Top margin	2
Width	66		

Text			
Font	Tahoma, 11px, style=Bold	Horizontal alignment	Left
Line break	Unchecked	Vertical alignment	Top
Flashing			
Flashing	None		
Miscellaneous			
Layer	0 - Layer_0	Name	Text field_14

D

Text			
Font	Tahoma, 11px, style=Bold	Horizontal alignment	Left
Line break	Unchecked	Vertical alignment	Top
Flashing			
Flashing	None		
Miscellaneous			
Layer	0 - Layer_0	Name	Text field_14

Text			
Font	Tahoma, 11px, style=Bold	Horizontal alignment	Left
Line break	Unchecked	Vertical alignment	Top
Flashing			
Flashing	None		
Miscellaneous			
Layer	0 - Layer_0	Name	Text field_14

E

I/O field_3

Type	I/O field		
------	-----------	--	--

General			
Display format	Decimal	Field length	2
Format pattern	99	Mode	Output

Display format	Decimal	Field length	2
Format pattern	99	Mode	Output

F

Owner	Project name	Abastecimento de água V11 - 1212C - Final	Date	6/21/2012
Operator	Project Path	D:\Documents and Settings\Tiago\Desktop\Dissertação Mestrado V11\Abastecimento de água V11 - 1212C - Final		
Designed By	Description 1st	Location		
Checked By	Description 2nd	Language	en-US	
Approved By	1st View	Version	Sheet 13 - 9	

	1	2	3	4
A	Process value		Shift decimal point	0
	Show leading zeros	Unchecked		
B	Appearance			
	Background color	255, 255, 255	Background fill pattern	Solid
	Border color	0, 0, 0	3D border style	Unchecked
	Line style	None	Foreground color	0, 0, 0
	Unit			
	Characteristics			
	Hidden input	Unchecked		
	Layout			
	Bottom margin	2	Fit to size	Checked
	Height	17	X position	272
Left margin	2	Right margin	2	
Y position	193	Top margin	2	
Width	18			
C	Text			
	Font	Tahoma, 11px	Horizontal alignment	Left
	Line break	Unchecked	Vertical alignment	Top
	Limits			
	Color for High limit violated	128, 128, 128	Color for Low limit violated	192, 192, 192
	Miscellaneous			
	Tooltip		Layer	0 - Layer_0
	Name	I/O field_3		
	Security			
	Authorization		Allow operator control	Checked
D	Dynamizations\Tag connection			
	Property name	Process value	Tag	NIVEL.PH.CONSOLE.UINT
	Text field_15			
	Type	Text field		
	General			
	Text	Estado de Funcionamento		
	Appearance			
	Background color	192, 192, 192	Background fill pattern	Solid
	Border color	0, 0, 0	3D border style	Unchecked
	Border width	1	Line style	None
Foreground color	0, 0, 0			
E	Layout			
	Bottom margin	0	Fit to size	Checked
	Height	15	X position	19
	Left margin	0	Right margin	2
	Y position	192	Top margin	2
	Width	147		
	Text			
	Font	Tahoma, 11px, style=Bold	Horizontal alignment	Left

F	Owner	Project name	Abastecimento de água V11 - 1212C - Final	Date	6/21/2012
	Operator	Project Path	D:\Documents and Settings\Tiago\Desktop\Dissertação Mestrado V11\Abastecimento de água V11 - 1212C - Final		
Designed By	Description 1st	Location			
Checked By	Description 2nd	Language	en-US		
Approved By	1st View	Version	Sheet 13 - 10		

A

Line break	Unchecked	Vertical alignment	Top
Flashing			
Flashing	None		
Miscellaneous			
Layer	0 - Layer_0	Name	Text field_15

B

I/O field_5			
Type	I/O field		
General			
Display format	String	Field length	14
Format pattern	??????????????	Mode	Output
Process value		Shift decimal point	0
Show leading zeros	Unchecked		
Appearance			
Background color	255, 255, 255	Background fill pattern	Solid
Border color	0, 0, 0	3D border style	Unchecked
Line style	None	Foreground color	0, 0, 0
Unit			

C

Characteristics			
Hidden input	Unchecked		
Layout			
Bottom margin	2	Fit to size	Unchecked
Height	17	X position	18
Left margin	2	Right margin	2
Y position	210	Top margin	2
Width	96		

D

Text			
Font	Tahoma, 11px	Horizontal alignment	Left
Line break	Unchecked	Vertical alignment	Top
Limits			
Color for High limit violated	128, 128, 128	Color for Low limit violated	192, 192, 192
Miscellaneous			
Tooltip		Layer	0 - Layer_0
Name	I/O field_5		
Security			
Authorization		Allow operator control	Checked
Dynamizations\Tag connection			
Property name	Process value	Tag	Estado Funcionamento_Estado

E

Rectangle_2			
Type	Rectangle		
Appearance			
Background color	255, 255, 255	Background fill pattern	Transparent
Border color	0, 0, 0	Border width	1
Line style	Solid		

F

Owner	Project name Abastecimento de água V11 - 1212C - Final	Date 6/21/2012
Operator	Project Path D:\Documents and Settings\Tiago\Desktop\Dissertação Mestrado V11\Abastecimento de água V11 - 1212C - Final	
	Location	
Designed By	Description 1st	
Checked By	Description 2nd	Language en-US
Approved By	1st View	Version
		Sheet 13 - 11

A

Layout			
Height	32	X position	10
Round corner height	0	Round corner width	0
Y position	152	Width	176
Miscellaneous			
Layer	0 - Layer_0	Name	Rectangle_2

B

Rectangle_3			
Type	Rectangle		
Appearance			
Background color	255, 255, 255	Background fill pattern	Transparent
Border color	0, 0, 0	Border width	1
Line style	Solid		
Layout			
Height	32	X position	193
Round corner height	0	Round corner width	0
Y position	152	Width	120
Miscellaneous			
Layer	0 - Layer_0	Name	Rectangle_3

C

Rectangle_5			
Type	Rectangle		
Appearance			
Background color	255, 255, 255	Background fill pattern	Transparent
Border color	0, 0, 0	Border width	1
Line style	Solid		
Layout			
Height	19	X position	193
Round corner height	0	Round corner width	0
Y position	192	Width	120
Miscellaneous			
Layer	0 - Layer_0	Name	Rectangle_5

D

I/O field_2			
Type	I/O field		
General			
Display format	Decimal	Field length	1
Format pattern	9	Mode	Output
Process value		Shift decimal point	0
Show leading zeros	Unchecked		
Appearance			
Background color	255, 255, 255	Background fill pattern	Solid
Border color	0, 0, 0	3D border style	Unchecked
Line style	None	Foreground color	0, 0, 0

E

F

Owner	Project name Abastecimento de água V11 - 1212C - Final	Date 6/21/2012
Operator	Project Path D:\Documents and Settings\Tiago\Desktop\Dissertação Mestrado V11\Abastecimento de água V11 - 1212C - Final	
	Location	
Designed By	Description 1st	
Checked By	Description 2nd	Language en-US
Approved By	1st View	Version
		Sheet 13 - 12

	1	2	3	4
A	Unit			
	Characteristics			
	Hidden input	Unchecked		
	Layout			
	Bottom margin	2	Fit to size	Unchecked
	Height	18	X position	271
	Left margin	2	Right margin	2
	Y position	160	Top margin	2
	Width	32		
	Text			
	Font	Tahoma, 11px	Horizontal alignment	Left
B	Line break	Unchecked	Vertical alignment	Top
	Limits			
	Color for High limit violated	128, 128, 128	Color for Low limit violated	192, 192, 192
	Miscellaneous			
	Tooltip		Layer	0 - Layer_0
	Name	I/O field_2		
	Security			
	Authorization	Operate	Allow operator control	Checked
	Dynamizations\Tag connection			
C	Property name	Process value	Tag	Backup Dados_opcao.modofuncionamento

Line_10

Type	Line		
Appearance			
Background color	255, 255, 255	Color	0, 0, 0
Line-end style	Default	Fill pattern	Transparent
Line-end shape	Round	Line width	1
Line-start style	Default	Line style	Solid
Layout			
Line end X position	10	Line end Y position	232
Height	0	X position	10
Line start X position	122	Line start Y position	232
Y position	232	Width	112
Miscellaneous			
Layer	0 - Layer_0	Name	Line_10

Line_11

Type	Line		
Appearance			
Background color	255, 255, 255	Color	0, 0, 0
Line-end style	Default	Fill pattern	Transparent
Line-end shape	Round	Line width	1
Line-start style	Default	Line style	Solid
Layout			
Line end X position	10	Line end Y position	192
Height	40	X position	10

Owner	Project name Abastecimento de água V11 - 1212C - Final		Date 6/21/2012
	Project Path D:\Documents and Settings\Tiago\Desktop\Dissertação Mestrado V11\Abastecimento de água V11 - 1212C - Final		
Operator	Location		
	Description 1st		
Designed By	Description 2nd		Language en-US
Checked By	1st View	Version	Sheet 13 - 13
Approved By			

Line start X position	10	Line start Y position	232
Y position	192	Width	0
Miscellaneous			
Layer	0 - Layer_0	Name	Line_11

Line_3

Type	Line		
Appearance			
Background color	255, 255, 255	Color	0, 0, 0
Line-end style	Default	Fill pattern	Transparent
Line-end shape	Round	Line width	1
Line-start style	Default	Line style	Solid
Layout			
Line end X position	122	Line end Y position	232
Height	0	X position	122
Line start X position	170	Line start Y position	232
Y position	232	Width	48
Miscellaneous			
Layer	0 - Layer_0	Name	Line_3

Line_4

Type	Line		
Appearance			
Background color	255, 255, 255	Color	0, 0, 0
Line-end style	Default	Fill pattern	Transparent
Line-end shape	Round	Line width	1
Line-start style	Default	Line style	Solid
Layout			
Line end X position	170	Line end Y position	232
Height	40	X position	170
Line start X position	170	Line start Y position	192
Y position	192	Width	0
Miscellaneous			
Layer	0 - Layer_0	Name	Line_4

Line_6

Type	Line		
Appearance			
Background color	255, 255, 255	Color	0, 0, 0
Line-end style	Default	Fill pattern	Transparent
Line-end shape	Round	Line width	1
Line-start style	Default	Line style	Solid
Layout			
Line end X position	10	Line end Y position	192
Height	0	X position	10
Line start X position	170	Line start Y position	192
Y position	192	Width	160
Miscellaneous			
Layer	0 - Layer_0	Name	Line_6

Owner	Project name	Abastecimento de água V11 - 1212C - Final	Date	6/21/2012
	Operator	Project Path D:\Documents and Settings\Tiago\Desktop\Dissertação Mestrado V11\Abastecimento de água V11 - 1212C - Final		
Designed By	Location			
	Description 1st			
	Checked By	Description 2nd	Language	en-US
Approved By	1st View	Version	Sheet 13 - 14	

1	2	3	4	
A	Layout			
	Bottom margin	2	Fit to size	Unchecked
	Height	19	X position	183
	Left margin	2	Right margin	2
	Y position	215	Top margin	2
	Width	130		
	Text			
	Font	Tahoma, 11px	Horizontal alignment	Left
	Line break	Unchecked	Vertical alignment	Top
	Limits			
Color for High limit violated	128, 128, 128	Color for Low limit violated	192, 192, 192	
Miscellaneous				
Tooltip		Layer	0 - Layer_0	
Name	I/O field_4			
Security				
Authorization		Allow operator control	Checked	
Dynamizations\Tag connection				
Property name	Process value	Tag	Relógio_Interno_tempo_read	

C

D

E

F

Owner	Project name	Abastecimento de água V11 - 1212C - Final	Date	6/21/2012
	Operator	Project Path	D:\Documents and Settings\Tiago\Desktop\Dissertação Mestrado V11\Abastecimento de água V11 - 1212C - Final	
Designed By		Location		
	Checked By	Description 1st		
Approved By		Description 2nd	Language	en-US
		1st View	Version	Sheet 13 - 16

1

2

3

4

A

HMI_1 [KTP600 Basic mono PN]

Screen management

B

C

D

E

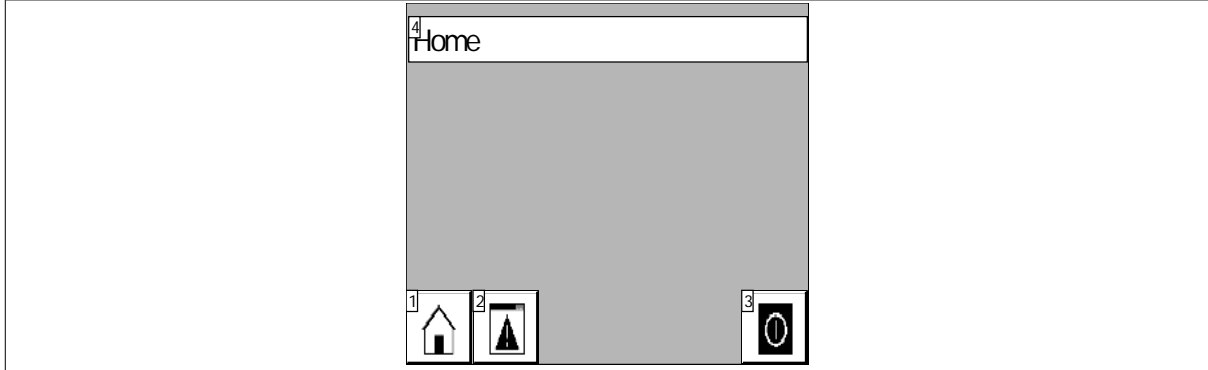
F

Owner	Project name Abastecimento de água V11 - 1212C - Final	Date 6/21/2012
Operator	Project Path D:\Documents and Settings\Tiago\Desktop\Dissertação Mestrado V11\Abastecimento de água V11 - 1212C - Final	
Designed By	Location	
Checked By	Description 1st	Language en-US
Approved By	Description 2nd	1st View
	Version	Sheet 14 - 1

HMI_1 [KTP600 Basic mono PN] / Screen management / Templates

Template_1

Hardcopy of Template_1



General			
Background color	192, 192, 192	Grid color	0, 0, 0
Name	Template_1	Tab sequence in foreground	Checked
Layers			
Active layer	0		

Specifies the layer.	Visible during configuration
Layer_0	Checked
Layer_1	Checked
Layer_2	Checked
Layer_3	Checked
Layer_4	Checked
Layer_5	Checked
Layer_6	Checked
Layer_7	Checked
Layer_8	Checked
Layer_9	Checked
Layer_10	Checked
Layer_11	Checked
Layer_12	Checked
Layer_13	Checked
Layer_14	Checked
Layer_15	Checked
Layer_16	Checked
Layer_17	Checked
Layer_18	Checked
Layer_19	Checked
Layer_20	Checked
Layer_21	Checked
Layer_22	Checked
Layer_23	Checked

Owner	Project name	Abastecimento de água V11 - 1212C - Final	Date	6/21/2012
	Operator	Project Path D:\Documents and Settings\Tiago\Desktop\Dissertação Mestrado V11\Abastecimento de água V11 - 1212C - Final		
Designed By	Location			
Checked By	Description 1st	Language en-US		
Approved By	Description 2nd	1st View	Version	Sheet 15 - 1

1

2

3

4

A

Specifies the layer.	Visible during configuration
Layer_24	Checked
Layer_25	Checked
Layer_26	Checked
Layer_27	Checked
Layer_28	Checked
Layer_29	Checked
Layer_30	Checked
Layer_31	Checked

B

Template_

Type	Button		
General			
Bit number	0	Hotkey	None
Mode	Graphic	Graphic list	
Graphic OFF	NavigateHome_HMI_1	Graphic ON	NavigateHome_HMI_1
Process value		Text list	
Text OFF	NavigateHome	Text ON	NavigateHome

C

Appearance			
Background color	255, 255, 255	Foreground color	0, 0, 0
Design			
3D border style	Checked	Focus color	0, 0, 0
Layout			
Fit to size	Unchecked	Height	49
X position	0	Y position	190
Width	52		

D

Text			
Font	Tahoma, 11px	Horizontal alignment	Centered
Vertical alignment	Middle		
Miscellaneous			
Tooltip		Layer	0 - Layer_0
Name	Template_		
Security			
Authorization		Allow operator control	Checked
Dynamizations\Event			
Event name	Release		
Function list\ActivateScreen			
Screen name	Home	Object number	0

E

Template_1

Type	Button		
General			
Bit number	0	Hotkey	None
Mode	Graphic	Graphic list	
Graphic OFF	AlarmDisplay_HMI_1	Graphic ON	AlarmDisplay_HMI_1
Process value		Text list	
Text OFF	AlarmDisplay	Text ON	AlarmDisplay

F

Owner	Project name	Abastecimento de água V11 - 1212C - Final	Date	6/21/2012
Operator	Project Path	D:\Documents and Settings\Tiago\Desktop\Dissertação Mestrado V11\Abastecimento de água V11 - 1212C - Final		
Designed By	Description 1st	Location		
Checked By	Description 2nd	Language	en-US	
Approved By	1st View	Version	Sheet 15 - 2	

A

Appearance			
Background color	255, 255, 255	Foreground color	0, 0, 0
Design			
3D border style	Checked	Focus color	0, 0, 0
Layout			
Fit to size	Unchecked	Height	49
X position	53	Y position	190
Width	52		

B

Text			
Font	Tahoma, 11px	Horizontal alignment	Centered
Vertical alignment	Middle		
Miscellaneous			
Tooltip		Layer	0 - Layer_0
Name	Template_1		
Security			
Authorization		Allow operator control	Checked

C

Dynamizations\Event			
Event name	Release		
Function list>ShowAlarmWindow			
Object name	Alarm window_Unacknowledged	Display mode	Toggle

Template_5

Type	Button		
General			
Bit number	0	Hotkey	None
Mode	Graphic	Graphic list	
Graphic OFF	ExitRuntime_HMI_1	Graphic ON	ExitRuntime_HMI_1
Process value		Text list	
Text OFF	ExitRuntime	Text ON	ExitRuntime

D

Appearance			
Background color	255, 255, 255	Foreground color	0, 0, 0
Design			
3D border style	Checked	Focus color	0, 0, 0
Layout			
Fit to size	Unchecked	Height	49
X position	266	Y position	190
Width	52		

E

Text			
Font	Tahoma, 11px	Horizontal alignment	Centered
Vertical alignment	Middle		
Miscellaneous			
Tooltip		Layer	0 - Layer_0
Name	Template_5		
Security			
Authorization		Allow operator control	Checked

F

Owner	Project name Abastecimento de água V11 - 1212C - Final	Date 6/21/2012
Operator	Project Path D:\Documents and Settings\Tiago\Desktop\Dissertação Mestrado V11\Abastecimento de água V11 - 1212C - Final	
	Location	
Designed By	Description 1st	
Checked By	Description 2nd	Language en-US
Approved By	1st View	Version
		Sheet 15 - 3

1

2

3

4

A

Dynamizations\Event	
Event name	Release
Function list\StopRuntime	
Mode	Runtime

Symbolic_IO_Field_Screen

B

Type	Symbolic I/O field		
General			
Bit number	0	Field length	20
Mode	Input/output	Value status ON	1
Process value	0	Text list	TextList_ScreenNames
Text OFF	0	Text ON	1

C

Appearance			
Background color	255, 255, 255	Background fill pattern	Solid
Border color	0, 0, 0	Border width	1
Line style	Solid	Foreground color	0, 0, 0
Layout			
Bottom margin	2	Fit to size	Unchecked
Height	30	X position	2
Left margin	2	Right margin	2
Y position	9	Top margin	2
Width	316		

D

Text			
Font	Tahoma, 20px	Horizontal alignment	Left
Vertical alignment	Top		
Limits			
Color for High limit violated	128, 128, 128	Color for Low limit violated	192, 192, 192
Miscellaneous			
Tooltip		Layer	0 - Layer_0
Name	Symbolic_IO_Field_Screen		
Security			
Authorization		Allow operator control	Checked

E

Owner	Project name	Abastecimento de água V11 - 1212C - Final	Date	6/21/2012
Operator	Project Path	D:\Documents and Settings\Tiago\Desktop\Dissertação Mestrado V11\Abastecimento de água V11 - 1212C - Final		
	Location			
Designed By	Description 1st			
Checked By	Description 2nd	Language	en-US	
Approved By	1st View	Version	Sheet 15 - 4	

F

HMI_1 [KTP600 Basic mono PN] / Screen management / Templates

Template_2

Hardcopy of Template_2



General			
Background color	192, 192, 192	Grid color	0, 0, 0
Name	Template_2	Tab sequence in foreground	Checked
Layers			
Active layer	0		

Specifies the layer.	Visible during configuration
Layer_0	Checked
Layer_1	Checked
Layer_2	Checked
Layer_3	Checked
Layer_4	Checked
Layer_5	Checked
Layer_6	Checked
Layer_7	Checked
Layer_8	Checked
Layer_9	Checked
Layer_10	Checked
Layer_11	Checked
Layer_12	Checked
Layer_13	Checked
Layer_14	Checked
Layer_15	Checked
Layer_16	Checked
Layer_17	Checked
Layer_18	Checked
Layer_19	Checked
Layer_20	Checked
Layer_21	Checked
Layer_22	Checked
Layer_23	Checked

Owner	Project name	Abastecimento de água V11 - 1212C - Final	Date	6/21/2012
	Operator	Project Path D:\Documents and Settings\Tiago\Desktop\Dissertação Mestrado V11\Abastecimento de água V11 - 1212C - Final		
Designed By	Location			
Checked By	Description 1st	Language en-US		
Approved By	Description 2nd	1st View	Version	Sheet 16 - 1

1

2

3

4

A

Specifies the layer.	Visible during configuration
Layer_24	Checked
Layer_25	Checked
Layer_26	Checked
Layer_27	Checked
Layer_28	Checked
Layer_29	Checked
Layer_30	Checked
Layer_31	Checked

B

C

D

E

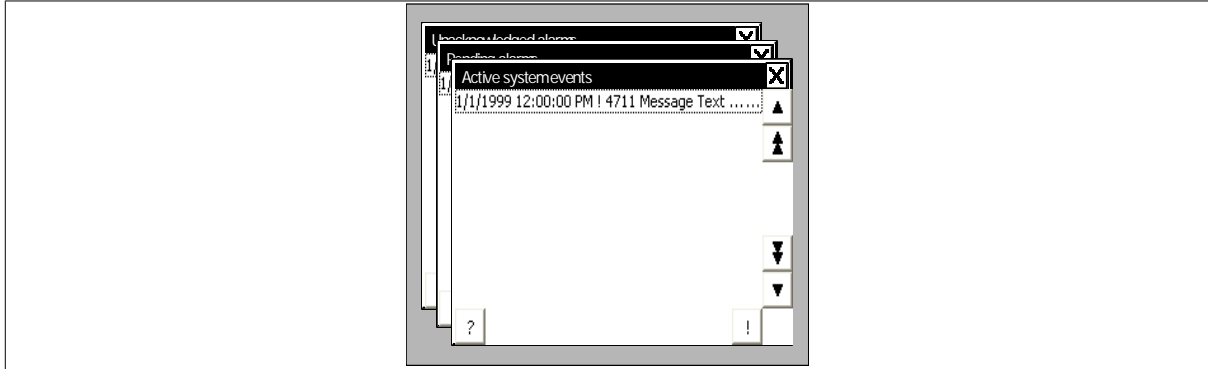
F

Owner	Project name Abastecimento de água V11 - 1212C - Final	Date 6/21/2012
Operator	Project Path D:\Documents and Settings\Tiago\Desktop\Dissertação Mestrado V11\Abastecimento de água V11 - 1212C - Final	
	Location	
Designed By	Description 1st	
Checked By	Description 2nd	Language en-US
Approved By	1st View	Version
		Sheet 16 - 2

HMI_1 [KTP600 Basic mono PN] / Screen management

Global screen

Hardcopy of Global screen



General			
Name	Global screen	Background color	192, 192, 192
Grid color	0, 0, 0		

Alarm window_Unacknowledged

Type	Alarm window		
General			
Alarm classes	Errors	Source of alarms	Current alarm states
Unacknowledged alarms	Checked	Pending alarms	Unchecked
Appearance			
Background color of table	255, 255, 255	Foreground color of table	0, 0, 0
Layout			
Lines per alarms	1	Visible alarms	1
Auto-size	Unchecked	Height	190
X position	12	Y position	12
Width	270		
Display			
"Acknowledge" button	Checked	"Tooltip" button	Checked
"Loop-in alarm" button	Unchecked	Vertical scroll bar	Checked
Vertical scrolling	Checked		
Text			
Table font	Tahoma, 11px		
Columns			
Columns	Number, Time, Alarm text, Date, Alarm class name	Time in milliseconds	Unchecked
Time sorting order	Descending		
Miscellaneous			
Name	Alarm window_Unacknowledged		

Owner	Project name	Abastecimento de água V11 - 1212C - Final	Date	6/21/2012
	Project Path	D:\Documents and Settings\Tiago\Desktop\Dissertação Mestrado V11\Abastecimento de água V11 - 1212C - Final		
Operator	Location			
	Designed By	Description 1st		
Checked By	Description 2nd	Language	en-US	
	Approved By	1st View	Version	Sheet 17 - 1

1		2		3		4	
A	Mode						
	Display automatically	Unchecked	Label	Unacknowledged alarms			
	Active	Checked	Closable	Checked			
	Modal	Checked					
Security							
	Allow operator control	Checked					

Alarm window_Pending						
Type		Alarm window				
B	General					
	Alarm classes	Errors	Source of alarms	Current alarm states		
	Unacknowledged alarms	Unchecked	Pending alarms	Checked		
Appearance						
	Background color of table	255, 255, 255	Foreground color of table	0, 0, 0		
Layout						
	Lines per alarms	1	Visible alarms	1		
	Auto-size	Unchecked	Height	190		
	X position	24	Y position	24		
	Width	270				

C	Display					
	"Acknowledge" button	Checked	"Tooltip" button	Checked		
	"Loop-in alarm" button	Unchecked	Vertical scroll bar	Checked		
	Vertical scrolling	Checked				

Text						
	Table font	Tahoma, 11px				
Columns						
	Columns	Number, Time, Alarm text, Date, Alarm class name	Time in milliseconds	Unchecked		
	Time sorting order	Descending				
D	Miscellaneous					
	Name	Alarm window_Pending				
	Mode					
	Display automatically	Unchecked	Label	Pending alarms		
	Active	Checked	Closable	Checked		
	Modal	Checked				
Security						
	Allow operator control	Checked				

E	Alarm indicator					
	Type		Alarm indicator			
	Layout					
	Y position	38	X position	260		

F	Owner	Project name	Abastecimento de água V11 - 1212C - Final	Date	6/21/2012
	Operator	Project Path	D:\Documents and Settings\Tiago\Desktop\Dissertação Mestrado V11\Abastecimento de água V11 - 1212C - Final		
		Location			
	Designed By	Description 1st			
	Checked By	Description 2nd	Language	en-US	
	Approved By	1st View	Version	Sheet 17 - 2	

A

General	
Display alarm classes	Acknowledged : Errors Pending : Errors

B

Dynamizations\Event	
Event name	Click
Function list\ShowAlarmWindow	
Object name	Alarm window_Pending
Display mode	Toggle

C

Dynamizations\Event	
Event name	Click when flashing
Function list\ShowAlarmWindow	
Object name	Alarm window_Pending
Display mode	Toggle

D

System events	
Type	Alarm window
General	
Alarm classes	System
Source of alarms	Current alarm states
Unacknowledged alarms	Unchecked
Pending alarms	Checked
Appearance	
Background color of table	255, 255, 255
Foreground color of table	0, 0, 0
Layout	
Lines per alarms	1
Visible alarms	1
Auto-size	Unchecked
Height	190
X position	36
Y position	36
Width	270
Display	
"Acknowledge" button	Checked
"Tooltip" button	Checked
"Loop-in alarm" button	Unchecked
Vertical scroll bar	Checked
Vertical scrolling	Checked
Text	
Table font	Tahoma, 11px
Columns	
Columns	Number, Time, Alarm text, Date, Alarm class name
Time in milliseconds	Unchecked
Time sorting order	Descending
Miscellaneous	
Name	System events
Mode	
Display automatically	Checked
Label	Active system events
Active	Checked
Closable	Checked
Modal	Checked

E

Security	
Allow operator control	Checked

F

Owner	Project name Abastecimento de água V11 - 1212C - Final	Date 6/21/2012
Operator	Project Path D:\Documents and Settings\Tiago\Desktop\Dissertação Mestrado V11\Abastecimento de água V11 - 1212C - Final	
Designed By	Description 1st	
Checked By	Description 2nd	Language en-US
Approved By	1st View	Version
		Sheet 17 - 3

HMI_1 [KTP600 Basic mono PN] / HMI tags

Default tag table [67]

ACERTA.RELOGIO

General			
Name	ACERTA.RELOGIO	Connection	HMI_connection_1
Data type	Bool	Array elements	0
Length	1	Address	
AddressAccess-Mode	<symbolic access>	PLC tag	ACERTA.RELOGIO
Coding	Binary	PlcName	PLC_1
TagTable	Default tag table		
Settings			
Acquisition cycle	1 s	Acquisition mode	Cyclic in operation
ID tag			
Linear scaling			
Linear scaling	Unchecked	PLC value range end value	10
PLC value range start value	0	HMI device value range end value	100
HMI device value range start value	0		
Miscellaneous			
Start value			
Comment			
Comment			
Multiplexing			
Multiplexing	Unchecked	Index tag	

ANALOG.INPUT.1

General			
Name	ANALOG.INPUT.1	Connection	HMI_connection_1
Data type	Int	Array elements	0
Length	2	Address	
AddressAccess-Mode	<symbolic access>	PLC tag	ANALOG.INPUT.1
Coding	Binary	PlcName	PLC_1
TagTable	Default tag table		
Settings			
Acquisition cycle	1 s	Acquisition mode	Cyclic in operation
ID tag			
Linear scaling			
Linear scaling	Unchecked	PLC value range end value	10
PLC value range start value	0	HMI device value range end value	100
HMI device value range start value	0		

Owner	Project name	Abastecimento de água V11 - 1212C - Final	Date	6/21/2012	
	Operator	Project Path D:\Documents and Settings\Tiago\Desktop\Dissertação Mestrado V11\Abastecimento de água V11 - 1212C - Final			
Designed By	Location				
	Description 1st				
Checked By	Description 2nd		Language		en-US
	Approved By		1st View	Version	Sheet 18 - 1

1

2

3

4

A

Miscellaneous

Start value

Comment

Comment

Multiplexing

Multiplexing Unchecked

Index tag

B

ANO**General**

Name ANO

Connection HMI_connection_1

Data type UInt

Array elements 0

Length 2

Address

AddressAccess-Mode <symbolic access>

PLC tag ANO

Coding Binary

PlcName PLC_1

TagTable Default tag table

Settings

Acquisition cycle 1 s

Acquisition mode Cyclic in operation

ID tag

Linear scaling

Linear scaling Unchecked

PLC value range end value 10

PLC value range start value 0

HMI device value range end value 100

HMI device value range start value 0

C

Miscellaneous

Start value

Comment

Comment

Multiplexing

Multiplexing Unchecked

Index tag

D

AUX.MEMORIA.CAUDALIMETRO**General**

Name AUX.MEMORIA.CAUDALIMETRO

Connection HMI_connection_1

Data type Bool

Array elements 0

Length 1

Address

AddressAccess-Mode <symbolic access>

PLC tag AUX.MEMORIA.CAUDALIMETRO

Coding Binary

PlcName PLC_1

TagTable Default tag table

Settings

Acquisition cycle 1 s

Acquisition mode Cyclic in operation

ID tag

Linear scaling

Linear scaling Unchecked

PLC value range end value 10

PLC value range start value 0

HMI device value range end value 100

E

F

Owner

Project name Abastecimento de água V11 - 1212C - Final

Date 6/21/2012

Operator

Project Path
D:\Documents and Settings\Tiago\Desktop\Dissertação Mestrado
V11\Abastecimento de água V11 - 1212C - Final

Location

Designed By

Description 1st

Checked By

Description 2nd

Language en-US

Approved By

1st View

Version

Sheet 18 - 2

	1	2	3	4
A	HMI device value range start value	0		
	Miscellaneous			
	Start value			
	Comment			
	Comment			
	Multiplexing			
	Multiplexing	Unchecked	Index tag	

Backup Dados_agua.parcial

	General			
B	Name	Backup Dados_agua.parcial	Connection	HMI_connection_1
	Data type	USInt	Array elements	0
	Length	1	Address	
	AddressAccess-Mode	<symbolic access>	PLC tag	agua_parcial
	Coding	Binary	PlcName	PLC_1
	TagTable	Default tag table		
	Settings			
	Acquisition cycle	1 s	Acquisition mode	Cyclic in operation
	ID tag			
	Linear scaling			
C	Linear scaling	Unchecked	PLC value range end value	10
	PLC value range start value	0	HMI device value range end value	100
	HMI device value range start value	0		
	Miscellaneous			
	Start value			
	Comment			
	Comment			
	Multiplexing			
	Multiplexing	Unchecked	Index tag	

Backup Dados_agua.total

	General			
D	Name	Backup Dados_agua.total	Connection	HMI_connection_1
	Data type	USInt	Array elements	0
	Length	1	Address	
	AddressAccess-Mode	<symbolic access>	PLC tag	agua_total
	Coding	Binary	PlcName	PLC_1
	TagTable	Default tag table		
	Settings			
	Acquisition cycle	1 s	Acquisition mode	Cyclic in operation
	ID tag			
	Linear scaling			
E	Linear scaling	Unchecked	PLC value range end value	10

F	Owner	Project name	Abastecimento de água V11 - 1212C - Final	Date	6/21/2012
	Operator	Project Path	D:\Documents and Settings\Tiago\Desktop\Dissertação Mestrado V11\Abastecimento de água V11 - 1212C - Final		
		Location			
	Designed By	Description 1st			
	Checked By	Description 2nd	Language	en-US	
	Approved By	1st View	Version	Sheet 18 - 3	

A

PLC value range start value	0	HMI device value range end value	100
HMI device value range start value	0		
Miscellaneous			
Start value			
Comment			
Comment			
Multiplexing			
Multiplexing	Unchecked	Index tag	

Backup Dados_bit.auto.ph

B

General			
Name	Backup Dados_bit.auto.ph	Connection	HMI_connection_1
Data type	USInt	Array elements	0
Length	1	Address	
AddressAccess-Mode	<symbolic access>	PLC tag	bit_auto_ph
Coding	Binary	PlcName	PLC_1
TagTable	Default tag table		

C

Settings			
Acquisition cycle	1 s	Acquisition mode	Cyclic in operation
ID tag			
Linear scaling			
Linear scaling	Unchecked	PLC value range end value	10
PLC value range start value	0	HMI device value range end value	100
HMI device value range start value	0		

D

Miscellaneous			
Start value			
Comment			
Comment			
Multiplexing			
Multiplexing	Unchecked	Index tag	

Backup Dados_bomba.agua.manual

E

General			
Name	Backup Dados_bomba.agua.manual	Connection	HMI_connection_1
Data type	USInt	Array elements	0
Length	1	Address	
AddressAccess-Mode	<symbolic access>	PLC tag	bomba_agua_manual
Coding	Binary	PlcName	PLC_1
TagTable	Default tag table		
Settings			
Acquisition cycle	1 s	Acquisition mode	Cyclic in operation
ID tag			

F

Owner	Project name Abastecimento de água V11 - 1212C - Final	Date 6/21/2012
Operator	Project Path D:\Documents and Settings\Tiago\Desktop\Dissertação Mestrado V11\Abastecimento de água V11 - 1212C - Final	
	Location	
Designed By	Description 1st	
Checked By	Description 2nd	Language en-US
Approved By	1st View	Version
		Sheet 18 - 4

1		2		3		4	
A	Linear scaling						
	Linear scaling	Unchecked	PLC value range end value	10			
	PLC value range start value	0	HMI device value range end value	100			
	HMI device value range start value	0					
	Miscellaneous						
	Start value						
	Comment						
	Comment						
	Multiplexing						
	Multiplexing	Unchecked	Index tag				

Backup Dados_bomba.ph.manual

General			
Name	Backup Dados_bomba.ph.manual	Connection	HMI_connection_1
Data type	USInt	Array elements	0
Length	1	Address	
AddressAccess-Mode	<symbolic access>	PLC tag	bomba_ph_manual
Coding	Binary	PlcName	PLC_1
TagTable	Default tag table		

Settings			
Acquisition cycle	1 s	Acquisition mode	Cyclic in operation
ID tag			

Linear scaling			
Linear scaling	Unchecked	PLC value range end value	10
PLC value range start value	0	HMI device value range end value	100
HMI device value range start value	0		

Miscellaneous			
Start value			
Comment			
Comment			
Multiplexing			
Multiplexing	Unchecked	Index tag	

Backup Dados_circuito.1

General			
Name	Backup Dados_circuito.1	Connection	HMI_connection_1
Data type	Bool	Array elements	0
Length	1	Address	
AddressAccess-Mode	<symbolic access>	PLC tag	circuito_1
Coding	Binary	PlcName	PLC_1
TagTable	Default tag table		

Settings			
Acquisition cycle	1 s	Acquisition mode	Cyclic in operation

Owner	Project name Abastecimento de água V11 - 1212C - Final		Date 6/21/2012
	Project Path D:\Documents and Settings\Tiago\Desktop\Dissertação Mestrado V11\Abastecimento de água V11 - 1212C - Final		
Operator	Location		
	Description 1st		
Designed By	Description 2nd		Language en-US
Checked By	1st View	Version	Sheet 18 - 5

ID tag			
Linear scaling			
Linear scaling	Unchecked	PLC value range end value	10
PLC value range start value	0	HMI device value range end value	100
HMI device value range start value	0		
Miscellaneous			
Start value			
Comment			
Comment			
Multiplexing			
Multiplexing	Unchecked	Index tag	

Backup Dados_circuito.2

General			
Name	Backup Dados_circuito.2	Connection	HMI_connection_1
Data type	Bool	Array elements	0
Length	1	Address	
AddressAccess-Mode	<symbolic access>	PLC tag	circuito_2
Coding	Binary	PlcName	PLC_1
TagTable	Default tag table		
Settings			
Acquisition cycle	1 s	Acquisition mode	Cyclic in operation
ID tag			
Linear scaling			
Linear scaling	Unchecked	PLC value range end value	10
PLC value range start value	0	HMI device value range end value	100
HMI device value range start value	0		
Miscellaneous			
Start value			
Comment			
Comment			
Multiplexing			
Multiplexing	Unchecked	Index tag	

Backup Dados_circuito.3

General			
Name	Backup Dados_circuito.3	Connection	HMI_connection_1
Data type	Bool	Array elements	0
Length	1	Address	
AddressAccess-Mode	<symbolic access>	PLC tag	circuito_3
Coding	Binary	PlcName	PLC_1
TagTable	Default tag table		

Owner	Project name	Abastecimento de água V11 - 1212C - Final	Date	6/21/2012
	Operator	Project Path D:\Documents and Settings\Tiago\Desktop\Dissertação Mestrado V11\Abastecimento de água V11 - 1212C - Final		
Designed By	Location			
	Description 1st			
Checked By	Description 2nd		Language	en-US
	Approved By		1st View	Version
				Sheet 18 - 6

1

2

3

4

A

Settings			
Acquisition cycle	1 s	Acquisition mode	Cyclic in operation
ID tag			
Linear scaling			
Linear scaling	Unchecked	PLC value range end value	10
PLC value range start value	0	HMI device value range end value	100
HMI device value range start value	0		
Miscellaneous			
Start value			
Comment			
Comment			
Multiplexing			
Multiplexing	Unchecked	Index tag	

B

Backup Dados_circuito.4

General			
Name	Backup Dados_circuito.4	Connection	HMI_connection_1
Data type	Bool	Array elements	0
Length	1	Address	
AddressAccess-Mode	<symbolic access>	PLC tag	circuito_4
Coding	Binary	PlcName	PLC_1
TagTable	Default tag table		
Settings			
Acquisition cycle	1 s	Acquisition mode	Cyclic in operation
ID tag			
Linear scaling			
Linear scaling	Unchecked	PLC value range end value	10
PLC value range start value	0	HMI device value range end value	100
HMI device value range start value	0		
Miscellaneous			
Start value			
Comment			
Comment			
Multiplexing			
Multiplexing	Unchecked	Index tag	

C

D

Backup Dados_circuito.5

General			
Name	Backup Dados_circuito.5	Connection	HMI_connection_1
Data type	Bool	Array elements	0
Length	1	Address	
AddressAccess-Mode	<symbolic access>	PLC tag	circuito_5
Coding	Binary	PlcName	PLC_1

E

F

Owner	Project name	Abastecimento de água V11 - 1212C - Final	Date	6/21/2012
Operator	Project Path	D:\Documents and Settings\Tiago\Desktop\Dissertação Mestrado V11\Abastecimento de água V11 - 1212C - Final		
Designed By	Location			
Checked By	Description 1st			
Approved By	Description 2nd	Language	en-US	
	1st View	Version	Sheet 18 - 7	

A

TagTable	Default tag table		
Settings			
Acquisition cycle	1 s	Acquisition mode	Cyclic in operation
ID tag			
Linear scaling			
Linear scaling	Unchecked	PLC value range end value	10
PLC value range start value	0	HMI device value range end value	100
HMI device value range start value	0		
Miscellaneous			
Start value			
Comment			
Comment			
Multiplexing			
Multiplexing	Unchecked	Index tag	

B

Backup Dados_dias.parcial

C

General			
Name	Backup Dados_dias.parcial	Connection	HMI_connection_1
Data type	UInt	Array elements	0
Length	2	Address	
AddressAccess-Mode	<symbolic access>	PLC tag	dias_parcial
Coding	Binary	PlcName	PLC_1
TagTable	Default tag table		
Settings			
Acquisition cycle	1 s	Acquisition mode	Cyclic in operation
ID tag			
Linear scaling			
Linear scaling	Unchecked	PLC value range end value	10
PLC value range start value	0	HMI device value range end value	100
HMI device value range start value	0		
Miscellaneous			
Start value			
Comment			
Comment			
Multiplexing			
Multiplexing	Unchecked	Index tag	

D

Backup Dados_dias.total

E

General			
Name	Backup Dados_dias.total	Connection	HMI_connection_1
Data type	UInt	Array elements	0
Length	2	Address	
AddressAccess-Mode	<symbolic access>	PLC tag	dias_total

F

Owner	Project name	Abastecimento de água V11 - 1212C - Final	Date	6/21/2012
	Operator	Project Path D:\Documents and Settings\Tiago\Desktop\Dissertação Mestrado V11\Abastecimento de água V11 - 1212C - Final		
Designed By	Location			
Checked By	Description 1st	Language en-US		
Approved By	Description 2nd	1st View	Version	Sheet 18 - 8

Coding	Binary	PlcName	PLC_1
TagTable	Default tag table		
Settings			
Acquisition cycle	1 s	Acquisition mode	Cyclic in operation
ID tag			
Linear scaling			
Linear scaling	Unchecked	PLC value range end value	10
PLC value range start value	0	HMI device value range end value	100
HMI device value range start value	0		
Miscellaneous			
Start value			
Comment			
Comment			
Multiplexing			
Multiplexing	Unchecked	Index tag	

Backup Dados_diferencial.mod0.3

General			
Name	Backup Dados_diferencial.mod0.3	Connection	HMI_connection_1
Data type	UInt	Array elements	0
Length	2	Address	
AddressAccess-Mode	<symbolic access>	PLC tag	diferencial_mod0_3
Coding	Binary	PlcName	PLC_1
TagTable	Default tag table		
Settings			
Acquisition cycle	1 s	Acquisition mode	Cyclic in operation
ID tag			
Linear scaling			
Linear scaling	Unchecked	PLC value range end value	10
PLC value range start value	0	HMI device value range end value	100
HMI device value range start value	0		
Miscellaneous			
Start value			
Comment			
Comment			
Multiplexing			
Multiplexing	Unchecked	Index tag	

Backup Dados_horas.parcial

General			
Name	Backup Dados_horas.parcial	Connection	HMI_connection_1
Data type	UInt	Array elements	0
Length	2	Address	

Owner	Project name	Abastecimento de água V11 - 1212C - Final	Date	6/21/2012
	Operator	Project Path D:\Documents and Settings\Tiago\Desktop\Dissertação Mestrado V11\Abastecimento de água V11 - 1212C - Final		
Designed By	Location			
	Description 1st			
	Checked By	Description 2nd	Language	en-US
Approved By	1st View	Version	Sheet 18 - 9	

A

AddressAccess-Mode	<symbolic access>	PLC tag	horas_parcial
Coding	Binary	PlcName	PLC_1
TagTable	Default tag table		
Settings			
Acquisition cycle	1 s	Acquisition mode	Cyclic in operation
ID tag			
Linear scaling			
Linear scaling	Unchecked	PLC value range end value	10
PLC value range start value	0	HMI device value range end value	100
HMI device value range start value	0		
Miscellaneous			
Start value			
Comment			
Comment			
Multiplexing			
Multiplexing	Unchecked	Index tag	

B

Backup Dados_horas.total

C

General			
Name	Backup Dados_horas.total	Connection	HMI_connection_1
Data type	UInt	Array elements	0
Length	2	Address	
AddressAccess-Mode	<symbolic access>	PLC tag	horas_total
Coding	Binary	PlcName	PLC_1
TagTable	Default tag table		
Settings			
Acquisition cycle	1 s	Acquisition mode	Cyclic in operation
ID tag			
Linear scaling			
Linear scaling	Unchecked	PLC value range end value	10
PLC value range start value	0	HMI device value range end value	100
HMI device value range start value	0		
Miscellaneous			
Start value			
Comment			
Comment			
Multiplexing			
Multiplexing	Unchecked	Index tag	

D

Backup Dados_manutencao

E

General			
Name	Backup Dados_manutencao	Connection	HMI_connection_1
Data type	UInt	Array elements	0

F

Owner	Project name Abastecimento de água V11 - 1212C - Final	Date 6/21/2012
Operator	Project Path D:\Documents and Settings\Tiago\Desktop\Dissertação Mestrado V11\Abastecimento de água V11 - 1212C - Final	
	Location	
Designed By	Description 1st	
Checked By	Description 2nd	Language en-US
Approved By	1st View	Version Sheet 18 - 10

Length	2	Address	
AddressAccess-Mode	<symbolic access>	PLC tag	manutencao
Coding	Binary	PlcName	PLC_1
TagTable	Default tag table		
Settings			
Acquisition cycle	1 s	Acquisition mode	Cyclic in operation
ID tag			
Linear scaling			
Linear scaling	Unchecked	PLC value range end value	10
PLC value range start value	0	HMI device value range end value	100
HMI device value range start value	0		
Miscellaneous			
Start value			
Comment			
Comment			
Multiplexing			
Multiplexing	Unchecked	Index tag	

Backup Dados_minutos.parcial

General			
Name	Backup Dados_minutos.parcial	Connection	HMI_connection_1
Data type	USInt	Array elements	0
Length	1	Address	
AddressAccess-Mode	<symbolic access>	PLC tag	minutos_parcial
Coding	Binary	PlcName	PLC_1
TagTable	Default tag table		
Settings			
Acquisition cycle	1 s	Acquisition mode	Cyclic in operation
ID tag			
Linear scaling			
Linear scaling	Unchecked	PLC value range end value	10
PLC value range start value	0	HMI device value range end value	100
HMI device value range start value	0		
Miscellaneous			
Start value			
Comment			
Comment			
Multiplexing			
Multiplexing	Unchecked	Index tag	

Backup Dados_minutos.total

General			
Name	Backup Dados_minutos.total	Connection	HMI_connection_1

Owner	Project name	Abastecimento de água V11 - 1212C - Final	Date	6/21/2012
	Operator	Project Path D:\Documents and Settings\Tiago\Desktop\Dissertação Mestrado V11\Abastecimento de água V11 - 1212C - Final		
Designed By	Location			
	Description 1st			
Checked By	Description 2nd		Language en-US	
	Approved By		1st View	Version

A

Data type	USInt	Array elements	0
Length	1	Address	
AddressAccess-Mode	<symbolic access>	PLC tag	minutos_total
Coding	Binary	PlcName	PLC_1
TagTable	Default tag table		

Settings

Acquisition cycle	1 s	Acquisition mode	Cyclic in operation
--------------------------	-----	-------------------------	---------------------

ID tag

Linear scaling

Linear scaling	Unchecked	PLC value range end value	10
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B

PLC value range start value	0	HMI device value range end value	100
------------------------------------	---	---	-----

HMI device value range start value	0		
---	---	--	--

Miscellaneous

Start value

Comment

Comment

Multiplexing

Multiplexing	Unchecked	Index tag	
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Backup Dados_opcao.alarme.ph

C

General

Name	Backup Dados_opcao.alarme.ph	Connection	HMI_connection_1
-------------	------------------------------	-------------------	------------------

Data type	USInt	Array elements	0
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Length	1	Address	
---------------	---	----------------	--

AddressAccess-Mode	<symbolic access>	PLC tag	opcao_alarme_ph
---------------------------	-------------------	----------------	-----------------

Coding	Binary	PlcName	PLC_1
---------------	--------	----------------	-------

TagTable	Default tag table		
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Settings

Acquisition cycle	1 s	Acquisition mode	Cyclic in operation
--------------------------	-----	-------------------------	---------------------

ID tag

Linear scaling

Linear scaling	Unchecked	PLC value range end value	10
-----------------------	-----------	----------------------------------	----

D

PLC value range start value	0	HMI device value range end value	100
------------------------------------	---	---	-----

HMI device value range start value	0		
---	---	--	--

Miscellaneous

Start value

Comment

Comment

Multiplexing

Multiplexing	Unchecked	Index tag	
---------------------	-----------	------------------	--

E

Owner	Project name	Abastecimento de água V11 - 1212C - Final	Date	6/21/2012
	Operator	Project Path D:\Documents and Settings\Tiago\Desktop\Dissertação Mestrado V11\Abastecimento de água V11 - 1212C - Final		
Designed By	Location			
	Description 1st			
Checked By	Description 2nd		Language	en-US
Approved By	1st View		Version	Sheet 18 - 12

F

Backup Dados_opcao.alerta.ph

General			
Name	Backup Dados_opcao.alerta.ph	Connection	HMI_connection_1
Data type	USInt	Array elements	0
Length	1	Address	
AddressAccess-Mode	<symbolic access>	PLC tag	opcao_alerta_ph
Coding	Binary	PlcName	PLC_1
TagTable	Default tag table		
Settings			
Acquisition cycle	1 s	Acquisition mode	Cyclic in operation
ID tag			
Linear scaling			
Linear scaling	Unchecked	PLC value range end value	10
PLC value range start value	0	HMI device value range end value	100
HMI device value range start value	0		
Miscellaneous			
Start value			
Comment			
Comment			
Multiplexing			
Multiplexing	Unchecked	Index tag	

Backup Dados_opcao.modos.funcionamento

General			
Name	Backup Dados_opcao.modos.funcionamento	Connection	HMI_connection_1
Data type	UInt	Array elements	0
Length	2	Address	
AddressAccess-Mode	<symbolic access>	PLC tag	opcao_modos_funcionamento
Coding	Binary	PlcName	PLC_1
TagTable	Default tag table		
Settings			
Acquisition cycle	1 s	Acquisition mode	Cyclic in operation
ID tag			
Linear scaling			
Linear scaling	Unchecked	PLC value range end value	10
PLC value range start value	0	HMI device value range end value	100
HMI device value range start value	0		
Miscellaneous			
Start value			
Comment			
Comment			

Owner	Project name	Abastecimento de água V11 - 1212C - Final	Date	6/21/2012
	Operator	Project Path D:\Documents and Settings\Tiago\Desktop\Dissertação Mestrado V11\Abastecimento de água V11 - 1212C - Final		
Designed By	Location			
	Description 1st			
Checked By	Description 2nd		Language	en-US
Approved By	1st View	Version	Sheet 18 - 13	

A

Multiplexing			
Multiplexing	Unchecked	Index tag	

Backup Dados_set.point.agua.mod0.2

B

General			
Name	Backup Da- dos_set.point.agua.mod0.2	Connection	HMI_connection_1
Data type	UInt	Array elements	0
Length	2	Address	
AddressAccess- Mode	<symbolic access>	PLC tag	set_point_agua_mod0_2
Coding	Binary	PlcName	PLC_1
TagTable	Default tag table		

C

Settings			
Acquisition cycle	1 s	Acquisition mode	Cyclic in operation
ID tag			
Linear scaling			
Linear scaling	Unchecked	PLC value range end value	10
PLC value range start value	0	HMI device value range end value	100
HMI device value range start value	0		
Miscellaneous			
Start value			
Comment			
Comment			
Multiplexing			
Multiplexing	Unchecked	Index tag	

D

Backup Dados_set.point.agua.mod0.4

General			
Name	Backup Da- dos_set.point.agua.mod0.4	Connection	HMI_connection_1
Data type	UInt	Array elements	0
Length	2	Address	
AddressAccess- Mode	<symbolic access>	PLC tag	set_point_agua_mod0_4
Coding	Binary	PlcName	PLC_1
TagTable	Default tag table		

E

Settings			
Acquisition cycle	1 s	Acquisition mode	Cyclic in operation
ID tag			
Linear scaling			
Linear scaling	Unchecked	PLC value range end value	10
PLC value range start value	0	HMI device value range end value	100
HMI device value range start value	0		
Miscellaneous			
Start value			

F

Owner	Project name	Abastecimento de água V11 - 1212C - Final	Date	6/21/2012
Operator	Project Path	D:\Documents and Settings\Tiago\Desktop\Dissertação Mestrado V11\Abastecimento de água V11 - 1212C - Final		
Designed By	Location			
Checked By	Description 1st			
Approved By	Description 2nd	Language	en-US	
	1st View	Version	Sheet 18 - 14	

1	2	3	4
Comment			
Comment			
Multiplexing			
Multiplexing	Unchecked	Index tag	

Backup Dados_set.point.ph.consola

General			
Name	Backup Dados_set.point.ph.consola	Connection	HMI_connection_1
Data type	UInt	Array elements	0
Length	2	Address	
AddressAccess-Mode	<symbolic access>	PLC tag	set_point_ph_consola
Coding	Binary	PlcName	PLC_1
TagTable	Default tag table		

Settings			
Acquisition cycle	1 s	Acquisition mode	Cyclic in operation
ID tag			

Linear scaling			
Linear scaling	Unchecked	PLC value range end value	10
PLC value range start value	0	HMI device value range end value	100
HMI device value range start value	0		

Miscellaneous			
Start value			
Comment			
Comment			

Multiplexing			
Multiplexing	Unchecked	Index tag	

Backup Dados_sistema.on.off

General			
Name	Backup Dados_sistema.on.off	Connection	HMI_connection_1
Data type	USInt	Array elements	0
Length	1	Address	
AddressAccess-Mode	<symbolic access>	PLC tag	sistema_on_off
Coding	Binary	PlcName	PLC_1
TagTable	Default tag table		

Settings			
Acquisition cycle	1 s	Acquisition mode	Cyclic in operation
ID tag			

Linear scaling			
Linear scaling	Unchecked	PLC value range end value	10
PLC value range start value	0	HMI device value range end value	100
HMI device value range start value	0		

Owner	Project name	Abastecimento de água V11 - 1212C - Final	Date	6/21/2012
	Operator	Project Path D:\Documents and Settings\Tiago\Desktop\Dissertação Mestrado V11\Abastecimento de água V11 - 1212C - Final		
Designed By	Location			
	Description 1st			
Checked By	Description 2nd		Language	en-US
Approved By	1st View	Version	Sheet 18 - 15	

1

2

3

4

A

Miscellaneous			
Start value			
Comment			
Comment			
Multiplexing			
Multiplexing	Unchecked	Index tag	

Backup Dados_valvula.agua.manual

B

General			
Name	Backup Dados_valvula.agua.manual	Connection	HMI_connection_1
Data type	USInt	Array elements	0
Length	1	Address	
AddressAccess-Mode	<symbolic access>	PLC tag	valvula_agua_manual
Coding	Binary	PlcName	PLC_1
TagTable	Default tag table		

C

Settings			
Acquisition cycle	1 s	Acquisition mode	Cyclic in operation
ID tag			
Linear scaling			
Linear scaling	Unchecked	PLC value range end value	10
PLC value range start value	0	HMI device value range end value	100
HMI device value range start value	0		

Miscellaneous			
Start value			
Comment			
Comment			
Multiplexing			
Multiplexing	Unchecked	Index tag	

D

Backup Dados_velocidade.bomba.ph.consola.manual

General			
Name	Backup Dados_velocidade.bomba.ph.consola.manual	Connection	HMI_connection_1
Data type	UInt	Array elements	0
Length	2	Address	
AddressAccess-Mode	<symbolic access>	PLC tag	velocidade_bomba_ph_consola_manual
Coding	Binary	PlcName	PLC_1
TagTable	Default tag table		

E

Settings			
Acquisition cycle	1 s	Acquisition mode	Cyclic in operation
ID tag			
Linear scaling			
Linear scaling	Unchecked	PLC value range end value	10
PLC value range start value	0	HMI device value range end value	100

F

Owner	Project name	Abastecimento de água V11 - 1212C - Final	Date	6/21/2012
Operator	Project Path	D:\Documents and Settings\Tiago\Desktop\Dissertação Mestrado V11\Abastecimento de água V11 - 1212C - Final		
	Location			
Designed By	Description 1st			
Checked By	Description 2nd	Language	en-US	
Approved By	1st View	Version	Sheet 18 - 16	

	1	2	3	4
A	HMI device value range start value	0		
	Miscellaneous			
	Start value			
	Comment			
	Comment			
	Multiplexing			
	Multiplexing	Unchecked	Index tag	

BIT.MANUTENÇÃO

	General			
B	Name	BIT.MANUTENÇÃO	Connection	HMI_connection_1
	Data type	Bool	Array elements	0
	Length	1	Address	
	AddressAccess-Mode	<symbolic access>	PLC tag	BIT.MANUTENÇÃO
	Coding	Binary	PlcName	PLC_1
	TagTable	Default tag table		
	Settings			
	Acquisition cycle	1 s	Acquisition mode	Cyclic in operation
	ID tag			
	Linear scaling			
C	Linear scaling	Unchecked	PLC value range end value	10
	PLC value range start value	0	HMI device value range end value	100
	HMI device value range start value	0		
	Miscellaneous			
	Start value			
	Comment			
	Comment			
	Multiplexing			
	Multiplexing	Unchecked	Index tag	

BIT.PH.AUTO

	General			
D	Name	BIT.PH.AUTO	Connection	HMI_connection_1
	Data type	Bool	Array elements	0
	Length	1	Address	
	AddressAccess-Mode	<symbolic access>	PLC tag	BIT.PH.AUTO
	Coding	Binary	PlcName	PLC_1
	TagTable	Default tag table		
	Settings			
	Acquisition cycle	1 s	Acquisition mode	Cyclic in operation
	ID tag			
	Linear scaling			
E	Linear scaling	Unchecked	PLC value range end value	10

F	Owner	Project name	Abastecimento de água V11 - 1212C - Final	Date	6/21/2012
	Operator	Project Path	D:\Documents and Settings\Tiago\Desktop\Dissertação Mestrado V11\Abastecimento de água V11 - 1212C - Final		
		Location			
	Designed By	Description 1st			
	Checked By	Description 2nd	Language	en-US	
	Approved By	1st View	Version	Sheet 18 - 17	

A

PLC value range start value	0	HMI device value range end value	100
HMI device value range start value	0		
Miscellaneous			
Start value			
Comment			
Comment			
Multiplexing			
Multiplexing	Unchecked	Index tag	

BOMBA

B

General			
Name	BOMBA	Connection	HMI_connection_1
Data type	Bool	Array elements	0
Length	1	Address	
AddressAccess-Mode	<symbolic access>	PLC tag	BOMBA
Coding	Binary	PlcName	PLC_1
TagTable	Default tag table		

C

Settings			
Acquisition cycle	1 s	Acquisition mode	Cyclic in operation
ID tag			
Linear scaling			
Linear scaling	Unchecked	PLC value range end value	10
PLC value range start value	0	HMI device value range end value	100
HMI device value range start value	0		

D

Miscellaneous			
Start value			
Comment			
Comment			
Multiplexing			
Multiplexing	Unchecked	Index tag	

CAUDALIMETRO

E

General			
Name	CAUDALIMETRO	Connection	HMI_connection_1
Data type	Bool	Array elements	0
Length	1	Address	
AddressAccess-Mode	<symbolic access>	PLC tag	CAUDALIMETRO
Coding	Binary	PlcName	PLC_1
TagTable	Default tag table		
Settings			
Acquisition cycle	1 s	Acquisition mode	Cyclic in operation
ID tag			

F

Owner	Project name Abastecimento de água V11 - 1212C - Final	Date 6/21/2012
Operator	Project Path D:\Documents and Settings\Tiago\Desktop\Dissertação Mestrado V11\Abastecimento de água V11 - 1212C - Final	
	Location	
Designed By	Description 1st	
Checked By	Description 2nd	Language en-US
Approved By	1st View	Version
		Sheet 18 - 18

1		2		3		4	
A	Linear scaling						
	Linear scaling	Unchecked	PLC value range end value	10			
	PLC value range start value	0	HMI device value range end value	100			
	HMI device value range start value	0					
	Miscellaneous						
	Start value						
	Comment						
	Comment						
	Multiplexing						
	Multiplexing	Unchecked	Index tag				

DIAS

General			
Name	DIAS	Connection	HMI_connection_1
Data type	USInt	Array elements	0
Length	1	Address	
AddressAccess-Mode	<symbolic access>	PLC tag	DIAS
Coding	Binary	PlcName	PLC_1
TagTable	Default tag table		

Settings			
Acquisition cycle	1 s	Acquisition mode	Cyclic in operation
ID tag			

Linear scaling			
Linear scaling	Unchecked	PLC value range end value	10
PLC value range start value	0	HMI device value range end value	100
HMI device value range start value	0		

Miscellaneous			
Start value			
Comment			
Comment			
Multiplexing			
Multiplexing	Unchecked	Index tag	

Estado Funcionamento_Estado

General			
Name	Estado Funcionamento_Estado	Connection	HMI_connection_1
Data type	String	Array elements	0
Length	254	Address	
AddressAccess-Mode	<symbolic access>	PLC tag	Estado
Coding	Binary	PlcName	PLC_1
TagTable	Default tag table		

Settings			
Acquisition cycle	1 s	Acquisition mode	Cyclic in operation

Owner	Project name Abastecimento de água V11 - 1212C - Final		Date 6/21/2012
	Project Path D:\Documents and Settings\Tiago\Desktop\Dissertação Mestrado V11\Abastecimento de água V11 - 1212C - Final		
Operator	Location		
	Description 1st		
Designed By	Description 2nd		Language en-US
Checked By	1st View		Version
Approved By			Sheet 18 - 19

ID tag			
Linear scaling			
Linear scaling	Unchecked	PLC value range end value	10
PLC value range start value	0	HMI device value range end value	100
HMI device value range start value	0		
Miscellaneous			
Start value			
Comment			
Comment			
Multiplexing			
Multiplexing	Unchecked	Index tag	

HORAS

General			
Name	HORAS	Connection	HMI_connection_1
Data type	USInt	Array elements	0
Length	1	Address	
AddressAccess-Mode	<symbolic access>	PLC tag	HORAS
Coding	Binary	PlcName	PLC_1
TagTable	Default tag table		
Settings			
Acquisition cycle	1 s	Acquisition mode	Cyclic in operation
ID tag			
Linear scaling			
Linear scaling	Unchecked	PLC value range end value	10
PLC value range start value	0	HMI device value range end value	100
HMI device value range start value	0		
Miscellaneous			
Start value			
Comment			
Comment			
Multiplexing			
Multiplexing	Unchecked	Index tag	

Info Sistema_Info Sistema

General			
Name	Info Sistema_Info Sistema	Connection	HMI_connection_1
Data type	String	Array elements	0
Length	254	Address	
AddressAccess-Mode	<symbolic access>	PLC tag	Info_Sistema
Coding	Binary	PlcName	PLC_1
TagTable	Default tag table		

Owner	Project name	Abastecimento de água V11 - 1212C - Final	Date	6/21/2012
	Operator	Project Path D:\Documents and Settings\Tiago\Desktop\Dissertação Mestrado V11\Abastecimento de água V11 - 1212C - Final		
Designed By	Location			
	Description 1st			
Checked By	Description 2nd		Language	en-US
Approved By	1st View	Version	Sheet 18 - 20	

1

2

3

4

A

Settings			
Acquisition cycle	1 s	Acquisition mode	Cyclic in operation
ID tag			
Linear scaling			
Linear scaling	Unchecked	PLC value range end value	10
PLC value range start value	0	HMI device value range end value	100
HMI device value range start value	0		
Miscellaneous			
Start value			
Comment			
Comment			
Multiplexing			
Multiplexing	Unchecked	Index tag	

B

MESES

General			
Name	MESES	Connection	HMI_connection_1
Data type	USInt	Array elements	0
Length	1	Address	
AddressAccess-Mode	<symbolic access>	PLC tag	MESES
Coding	Binary	PlcName	PLC_1
TagTable	Default tag table		
Settings			
Acquisition cycle	1 s	Acquisition mode	Cyclic in operation
ID tag			
Linear scaling			
Linear scaling	Unchecked	PLC value range end value	10
PLC value range start value	0	HMI device value range end value	100
HMI device value range start value	0		
Miscellaneous			
Start value			
Comment			
Comment			
Multiplexing			
Multiplexing	Unchecked	Index tag	

C

D

MINUTOS

General			
Name	MINUTOS	Connection	HMI_connection_1
Data type	USInt	Array elements	0
Length	1	Address	
AddressAccess-Mode	<symbolic access>	PLC tag	MINUTOS
Coding	Binary	PlcName	PLC_1

E

F

Owner	Project name	Abastecimento de água V11 - 1212C - Final	Date	6/21/2012
Operator	Project Path	D:\Documents and Settings\Tiago\Desktop\Dissertação Mestrado V11\Abastecimento de água V11 - 1212C - Final		
Designed By	Description 1st			
Checked By	Description 2nd	Language	en-US	
Approved By	1st View	Version	Sheet 18 - 21	

A

TagTable	Default tag table		
Settings			
Acquisition cycle	1 s	Acquisition mode	Cyclic in operation
ID tag			
Linear scaling			
Linear scaling	Unchecked	PLC value range end value	10
PLC value range start value	0	HMI device value range end value	100
HMI device value range start value	0		
Miscellaneous			
Start value			
Comment			
Comment			
Multiplexing			
Multiplexing	Unchecked	Index tag	

B

MODO.DIURNO

C

General			
Name	MODO.DIURNO	Connection	HMI_connection_1
Data type	Bool	Array elements	0
Length	1	Address	
AddressAccess-Mode	<symbolic access>	PLC tag	MODO.DIURNO
Coding	Binary	PlcName	PLC_1
TagTable	Default tag table		
Settings			
Acquisition cycle	1 s	Acquisition mode	Cyclic in operation
ID tag			
Linear scaling			
Linear scaling	Unchecked	PLC value range end value	10
PLC value range start value	0	HMI device value range end value	100
HMI device value range start value	0		
Miscellaneous			
Start value			
Comment			
Comment			
Multiplexing			
Multiplexing	Unchecked	Index tag	

D

MODO.NOTURNO

E

General			
Name	MODO.NOTURNO	Connection	HMI_connection_1
Data type	Bool	Array elements	0
Length	1	Address	
AddressAccess-Mode	<symbolic access>	PLC tag	MODO.NOTURNO

F

Owner	Project name	Abastecimento de água V11 - 1212C - Final	Date	6/21/2012
	Operator	Project Path D:\Documents and Settings\Tiago\Desktop\Dissertação Mestrado V11\Abastecimento de água V11 - 1212C - Final		
Designed By	Location			
Checked By	Description 1st	Language en-US		
Approved By	Description 2nd	1st View	Version	Sheet 18 - 22

Coding	Binary	PlcName	PLC_1
TagTable	Default tag table		
Settings			
Acquisition cycle	1 s	Acquisition mode	Cyclic in operation
ID tag			
Linear scaling			
Linear scaling	Unchecked	PLC value range end value	10
PLC value range start value	0	HMI device value range end value	100
HMI device value range start value	0		
Miscellaneous			
Start value			
Comment			
Comment			
Multiplexing			
Multiplexing	Unchecked	Index tag	

MOTOR.PH

General			
Name	MOTOR.PH	Connection	HMI_connection_1
Data type	Bool	Array elements	0
Length	1	Address	
AddressAccess-Mode	<symbolic access>	PLC tag	MOTOR.PH
Coding	Binary	PlcName	PLC_1
TagTable	Default tag table		
Settings			
Acquisition cycle	1 s	Acquisition mode	Cyclic in operation
ID tag			
Linear scaling			
Linear scaling	Unchecked	PLC value range end value	10
PLC value range start value	0	HMI device value range end value	100
HMI device value range start value	0		
Miscellaneous			
Start value			
Comment			
Comment			
Multiplexing			
Multiplexing	Unchecked	Index tag	

NIVEL.CONSOLE.UINT

General			
Name	NIVEL.CONSOLE.UINT	Connection	HMI_connection_1
Data type	UInt	Array elements	0
Length	2	Address	

Owner	Project name	Abastecimento de água V11 - 1212C - Final	Date	6/21/2012	
	Operator	Project Path D:\Documents and Settings\Tiago\Desktop\Dissertação Mestrado V11\Abastecimento de água V11 - 1212C - Final			
Designed By	Location				
	Description 1st				
	Checked By		Description 2nd		Language
Approved By	1st View		Version	Sheet 18 - 23	

A

AddressAccess-Mode	<symbolic access>	PLC tag	NIVEL.CONSOLA.UINT
Coding	Binary	PlcName	PLC_1
TagTable	Default tag table		
Settings			
Acquisition cycle	1 s	Acquisition mode	Cyclic in operation
ID tag			
Linear scaling			
Linear scaling	Unchecked	PLC value range end value	10
PLC value range start value	0	HMI device value range end value	100
HMI device value range start value	0		
Miscellaneous			
Start value			
Comment			
Comment			
Multiplexing			
Multiplexing	Unchecked	Index tag	

B

NIVEL.PH.CONSOLA.UINT

C

General			
Name	NIVEL.PH.CONSOLA.UINT	Connection	HMI_connection_1
Data type	UInt	Array elements	0
Length	2	Address	
AddressAccess-Mode	<symbolic access>	PLC tag	NIVEL.PH.CONSOLA.UINT
Coding	Binary	PlcName	PLC_1
TagTable	Default tag table		
Settings			
Acquisition cycle	1 s	Acquisition mode	Cyclic in operation
ID tag			
Linear scaling			
Linear scaling	Unchecked	PLC value range end value	10
PLC value range start value	0	HMI device value range end value	100
HMI device value range start value	0		
Miscellaneous			
Start value			
Comment			
Comment			
Multiplexing			
Multiplexing	Unchecked	Index tag	

D

OPÇÃO.MODO.1

E

General			
Name	OPÇÃO.MODO.1	Connection	HMI_connection_1
Data type	UInt	Array elements	0

F

Owner	Project name	Abastecimento de água V11 - 1212C - Final	Date	6/21/2012
Operator	Project Path	D:\Documents and Settings\Tiago\Desktop\Dissertação Mestrado V11\Abastecimento de água V11 - 1212C - Final		
Designed By	Description 1st			
Checked By	Description 2nd	Language	en-US	
Approved By	1st View	Version	Sheet 18 - 24	

Length	2	Address	
AddressAccess-Mode	<symbolic access>	PLC tag	OPÇÃO.MODO.1
Coding	Binary	PlcName	PLC_1
TagTable	Default tag table		
Settings			
Acquisition cycle	1 s	Acquisition mode	Cyclic in operation
ID tag			
Linear scaling			
Linear scaling	Unchecked	PLC value range end value	10
PLC value range start value	0	HMI device value range end value	100
HMI device value range start value	0		
Miscellaneous			
Start value			
Comment			
Comment			
Multiplexing			
Multiplexing	Unchecked	Index tag	

OPÇÃO.MODO.2

General			
Name	OPÇÃO.MODO.2	Connection	HMI_connection_1
Data type	UInt	Array elements	0
Length	2	Address	
AddressAccess-Mode	<symbolic access>	PLC tag	OPÇÃO.MODO.2
Coding	Binary	PlcName	PLC_1
TagTable	Default tag table		
Settings			
Acquisition cycle	1 s	Acquisition mode	Cyclic in operation
ID tag			
Linear scaling			
Linear scaling	Unchecked	PLC value range end value	10
PLC value range start value	0	HMI device value range end value	100
HMI device value range start value	0		
Miscellaneous			
Start value			
Comment			
Comment			
Multiplexing			
Multiplexing	Unchecked	Index tag	

OPÇÃO.MODO.3

General			
Name	OPÇÃO.MODO.3	Connection	HMI_connection_1

Owner	Project name	Abastecimento de água V11 - 1212C - Final	Date	6/21/2012	
	Operator	Project Path D:\Documents and Settings\Tiago\Desktop\Dissertação Mestrado V11\Abastecimento de água V11 - 1212C - Final			
Designed By	Location				
	Description 1st				
Checked By	Description 2nd		Language		en-US
	Approved By		1st View	Version	Sheet 18 - 25

Data type	UInt	Array elements	0
Length	2	Address	
AddressAccess-Mode	<symbolic access>	PLC tag	OPÇÃO.MODO.3
Coding	Binary	PlcName	PLC_1
TagTable	Default tag table		
Settings			
Acquisition cycle	1 s	Acquisition mode	Cyclic in operation
ID tag			
Linear scaling			
Linear scaling	Unchecked	PLC value range end value	10
PLC value range start value	0	HMI device value range end value	100
HMI device value range start value	0		
Miscellaneous			
Start value			
Comment			
Comment			
Multiplexing			
Multiplexing	Unchecked	Index tag	

OPÇÃO.MODO.4

General			
Name	OPÇÃO.MODO.4	Connection	HMI_connection_1
Data type	UInt	Array elements	0
Length	2	Address	
AddressAccess-Mode	<symbolic access>	PLC tag	OPÇÃO.MODO.4
Coding	Binary	PlcName	PLC_1
TagTable	Default tag table		
Settings			
Acquisition cycle	1 s	Acquisition mode	Cyclic in operation
ID tag			
Linear scaling			
Linear scaling	Unchecked	PLC value range end value	10
PLC value range start value	0	HMI device value range end value	100
HMI device value range start value	0		
Miscellaneous			
Start value			
Comment			
Comment			
Multiplexing			
Multiplexing	Unchecked	Index tag	

Owner	Project name	Abastecimento de água V11 - 1212C - Final	Date	6/21/2012
	Operator	Project Path D:\Documents and Settings\Tiago\Desktop\Dissertação Mestrado V11\Abastecimento de água V11 - 1212C - Final		
Designed By	Location			
	Description 1st			
Checked By	Description 2nd		Language	en-US
	Approved By		1st View	Version
			Sheet	18 - 26

Relógio_Interno_tempo_read

General			
Name	Relógio_Interno_tempo_read	Connection	HMI_connection_1
Data type	DTL	Array elements	0
Length	12	Address	
AddressAccess-Mode	<symbolic access>	PLC tag	tempo_read
Coding	Binary	PlcName	PLC_1
TagTable	Default tag table		
Settings			
Acquisition cycle	1 s	Acquisition mode	Cyclic in operation
ID tag			
Linear scaling			
Linear scaling	Unchecked	PLC value range end value	10
PLC value range start value	0	HMI device value range end value	100
HMI device value range start value	0		
Miscellaneous			
Start value	1/1/1999 12:00:00 PM		
Comment			
Comment			
Multiplexing			
Multiplexing	Unchecked	Index tag	

RESET.AGUA

General			
Name	RESET.AGUA	Connection	HMI_connection_1
Data type	USInt	Array elements	0
Length	1	Address	
AddressAccess-Mode	<symbolic access>	PLC tag	RESET_AGUA
Coding	Binary	PlcName	PLC_1
TagTable	Default tag table		
Settings			
Acquisition cycle	1 s	Acquisition mode	Cyclic in operation
ID tag			
Linear scaling			
Linear scaling	Unchecked	PLC value range end value	10
PLC value range start value	0	HMI device value range end value	100
HMI device value range start value	0		
Miscellaneous			
Start value			
Comment			
Comment			
Multiplexing			
Multiplexing	Unchecked	Index tag	

Owner	Project name	Abastecimento de água V11 - 1212C - Final	Date	6/21/2012
Operator	Project Path	D:\Documents and Settings\Tiago\Desktop\Dissertação Mestrado V11\Abastecimento de água V11 - 1212C - Final		
Designed By	Description 1st			
Checked By	Description 2nd	Language	en-US	
Approved By	1st View	Version	Sheet 18 - 27	

RESET.DEFINICOES.ORIGEM

General			
Name	RESET.DEFINICOES.ORIGEM	Connection	HMI_connection_1
Data type	USInt	Array elements	0
Length	1	Address	
AddressAccess-Mode	<symbolic access>	PLC tag	RESET_DEFINICOES_ORIGEM
Coding	Binary	PlcName	PLC_1
TagTable	Default tag table		
Settings			
Acquisition cycle	1 s	Acquisition mode	Cyclic in operation
ID tag			
Linear scaling			
Linear scaling	Unchecked	PLC value range end value	10
PLC value range start value	0	HMI device value range end value	100
HMI device value range start value	0		
Miscellaneous			
Start value			
Comment			
Comment			
Multiplexing			
Multiplexing	Unchecked	Index tag	

RESET.TEMPO.MANUTENCAO.CONSOLE

General			
Name	RESET.TEMPO.MANUTEN-CAO.CONSOLE	Connection	HMI_connection_1
Data type	USInt	Array elements	0
Length	1	Address	
AddressAccess-Mode	<symbolic access>	PLC tag	RESET_TEMPO_MANUTEN-CAO_CONSOLE
Coding	Binary	PlcName	PLC_1
TagTable	Default tag table		
Settings			
Acquisition cycle	1 s	Acquisition mode	Cyclic in operation
ID tag			
Linear scaling			
Linear scaling	Unchecked	PLC value range end value	10
PLC value range start value	0	HMI device value range end value	100
HMI device value range start value	0		
Miscellaneous			
Start value			
Comment			
Comment			

Owner	Project name	Abastecimento de água V11 - 1212C - Final	Date	6/21/2012
	Operator	Project Path D:\Documents and Settings\Tiago\Desktop\Dissertação Mestrado V11\Abastecimento de água V11 - 1212C - Final		
Designed By	Location			
	Description 1st			
Checked By	Description 2nd		Language	en-US
Approved By	1st View	Version	Sheet 18 - 28	

1

2

3

4

A

Multiplexing			
Multiplexing	Unchecked	Index tag	

RESET.TEMPO.PARCIAL

B

General			
Name	RESET.TEMPO.PARCIAL	Connection	HMI_connection_1
Data type	USInt	Array elements	0
Length	1	Address	
AddressAccess-Mode	<symbolic access>	PLC tag	RESET_TEMPO_PARCIAL
Coding	Binary	PlcName	PLC_1
TagTable	Default tag table		

Settings			
Acquisition cycle	1 s	Acquisition mode	Cyclic in operation
ID tag			

Linear scaling			
Linear scaling	Unchecked	PLC value range end value	10
PLC value range start value	0	HMI device value range end value	100
HMI device value range start value	0		

C

Miscellaneous			
Start value			
Comment			
Comment			
Multiplexing			
Multiplexing	Unchecked	Index tag	

S.AGUA.BOMBA

D

General			
Name	S.AGUA.BOMBA	Connection	HMI_connection_1
Data type	Bool	Array elements	0
Length	1	Address	
AddressAccess-Mode	<symbolic access>	PLC tag	S_AGUA_BOMBA
Coding	Binary	PlcName	PLC_1
TagTable	Default tag table		

Settings			
Acquisition cycle	1 s	Acquisition mode	Cyclic in operation
ID tag			

Linear scaling			
Linear scaling	Unchecked	PLC value range end value	10
PLC value range start value	0	HMI device value range end value	100
HMI device value range start value	0		

E

Miscellaneous			
Start value			

F

Owner	Project name	Abastecimento de água V11 - 1212C - Final	Date	6/21/2012
Operator	Project Path	D:\Documents and Settings\Tiago\Desktop\Dissertação Mestrado V11\Abastecimento de água V11 - 1212C - Final		
Designed By	Location			
Checked By	Description 1st			
Approved By	Description 2nd	Language	en-US	
	1st View	Version	Sheet 18 - 29	

1

2

3

4

A

Comment

Comment

Multiplexing

Multiplexing Unchecked

Index tag

S.NIVEL.MAXIMO.SEGURANCA**General**

Name S.NIVEL.MAXIMO.SEGURANCA

Connection HMI_connection_1

Data type Bool

Array elements 0

Length 1

Address

AddressAccess-Mode <symbolic access>

PLC tag S.NIVEL.MAXIMO.SEGURANCA

Coding Binary

PlcName PLC_1

TagTable Default tag table

Settings

Acquisition cycle 1 s

Acquisition mode Cyclic in operation

ID tag

Linear scaling

Linear scaling Unchecked

PLC value range end value 10

PLC value range start value 0

HMI device value range end value 100

HMI device value range start value 0

Miscellaneous

Start value

Comment

Comment

Multiplexing

Multiplexing Unchecked

Index tag

B

C

S.NIVEL.MINIMO.SEGURANCA**General**

Name S.NIVEL.MINIMO.SEGURANCA

Connection HMI_connection_1

Data type Bool

Array elements 0

Length 1

Address

AddressAccess-Mode <symbolic access>

PLC tag S.NIVEL.MINIMO.SEGURANCA

Coding Binary

PlcName PLC_1

TagTable Default tag table

Settings

Acquisition cycle 1 s

Acquisition mode Cyclic in operation

ID tag

Linear scaling

Linear scaling Unchecked

PLC value range end value 10

PLC value range start value 0

HMI device value range end value 100

HMI device value range start value 0

D

E

Owner

Project name Abastecimento de água V11 - 1212C - Final

Date 6/21/2012

Operator

Project Path
D:\Documents and Settings\Tiago\Desktop\Dissertação Mestrado
V11\Abastecimento de água V11 - 1212C - Final

Location

Designed By

Description 1st

Checked By

Description 2nd

Language en-US

Approved By

1st View

Version

Sheet 18 - 30

F

A

Miscellaneous			
Start value			
Comment			
Comment			
Multiplexing			
Multiplexing	Unchecked	Index tag	

SAIDA.VALVULA

B

General			
Name	SAIDA.VALVULA	Connection	HMI_connection_1
Data type	Bool	Array elements	0
Length	1	Address	
AddressAccess-Mode	<symbolic access>	PLC tag	SAIDA.VALVULA
Coding	Binary	PlcName	PLC_1
TagTable	Default tag table		

C

Settings			
Acquisition cycle	1 s	Acquisition mode	Cyclic in operation
ID tag			
Linear scaling			
Linear scaling	Unchecked	PLC value range end value	10
PLC value range start value	0	HMI device value range end value	100
HMI device value range start value	0		

Miscellaneous			
Start value			
Comment			
Comment			
Multiplexing			
Multiplexing	Unchecked	Index tag	

SEGUNDOS

D

General			
Name	SEGUNDOS	Connection	HMI_connection_1
Data type	USInt	Array elements	0
Length	1	Address	
AddressAccess-Mode	<symbolic access>	PLC tag	SEGUNDOS
Coding	Binary	PlcName	PLC_1
TagTable	Default tag table		

E

Settings			
Acquisition cycle	1 s	Acquisition mode	Cyclic in operation
ID tag			
Linear scaling			
Linear scaling	Unchecked	PLC value range end value	10
PLC value range start value	0	HMI device value range end value	100

F

Owner	Project name	Abastecimento de água V11 - 1212C - Final	Date	6/21/2012
	Operator	Project Path	D:\Documents and Settings\Tiago\Desktop\Dissertação Mestrado V11\Abastecimento de água V11 - 1212C - Final	
		Location		
Designed By	Description 1st			
Checked By	Description 2nd	Language	en-US	
Approved By	1st View	Version	Sheet 18 - 31	

	1	2	3	4
A	HMI device value range start value	0		
	Miscellaneous			
	Start value			
	Comment			
	Comment			
	Multiplexing			
	Multiplexing	Unchecked	Index tag	

SENSOR.NIVEL.PH

	General			
B	Name	SENSOR.NIVEL.PH	Connection	HMI_connection_1
	Data type	Bool	Array elements	0
	Length	1	Address	
	AddressAccess-Mode	<symbolic access>	PLC tag	SENSOR_NIVEL_PH
	Coding	Binary	PlcName	PLC_1
	TagTable	Default tag table		
	Settings			
	Acquisition cycle	1 s	Acquisition mode	Cyclic in operation
	ID tag			
	Linear scaling			
C	Linear scaling	Unchecked	PLC value range end value	10
	PLC value range start value	0	HMI device value range end value	100
	HMI device value range start value	0		
	Miscellaneous			
	Start value			
	Comment			
	Comment			
	Multiplexing			
	Multiplexing	Unchecked	Index tag	

Tag_ScreenNumber

	General			
D	Name	Tag_ScreenNumber	Connection	
	Data type	UInt	Array elements	0
	Length	2	Address	
	AddressAccess-Mode	<symbolic access>	PLC tag	
	Coding	Binary	PlcName	
	TagTable	Default tag table		
	Settings			
	Acquisition cycle	1 s	Acquisition mode	Cyclic in operation
	ID tag			
	Linear scaling			
E	Linear scaling	Unchecked	PLC value range end value	10

F	Owner	Project name	Abastecimento de água V11 - 1212C - Final	Date	6/21/2012
	Operator	Project Path	D:\Documents and Settings\Tiago\Desktop\Dissertação Mestrado V11\Abastecimento de água V11 - 1212C - Final		
		Location			
	Designed By	Description 1st			
	Checked By	Description 2nd	Language	en-US	
	Approved By	1st View	Version	Sheet 18 - 32	

A

PLC value range start value	0	HMI device value range end value	100
HMI device value range start value	0		
Miscellaneous			
Start value			
Comment			
Comment			
Multiplexing			
Multiplexing	Unchecked	Index tag	

B

Dynamizations\Event			
Event name	Value change		
Function list\ActivateScreenByNumber			
Screen number	Tag_ScreenNumber	Object number	0

VÁLVULA.CIRCUITO.REGA.1

C

General			
Name	VÁLVULA.CIRCUITO.REGA.1	Connection	HMI_connection_1
Data type	Bool	Array elements	0
Length	1	Address	
AddressAccess-Mode	<symbolic access>	PLC tag	VÁLVULA.CIRCUITO.REGA.1
Coding	Binary	PlcName	PLC_1
TagTable	Default tag table		

Settings			
Acquisition cycle	1 s	Acquisition mode	Cyclic in operation
ID tag			

Linear scaling			
Linear scaling	Unchecked	PLC value range end value	10

PLC value range start value	0	HMI device value range end value	100
-----------------------------	---	----------------------------------	-----

HMI device value range start value	0		
------------------------------------	---	--	--

D

Miscellaneous			
Start value			
Comment			
Comment			
Multiplexing			
Multiplexing	Unchecked	Index tag	

VÁLVULA.CIRCUITO.REGA.2

E

General			
Name	VÁLVULA.CIRCUITO.REGA.2	Connection	HMI_connection_1
Data type	Bool	Array elements	0
Length	1	Address	
AddressAccess-Mode	<symbolic access>	PLC tag	VÁLVULA.CIRCUITO.REGA.2
Coding	Binary	PlcName	PLC_1
TagTable	Default tag table		

F

Owner	Project name Abastecimento de água V11 - 1212C - Final	Date 6/21/2012
Operator	Project Path D:\Documents and Settings\Tiago\Desktop\Dissertação Mestrado V11\Abastecimento de água V11 - 1212C - Final	
	Location	
Designed By	Description 1st	
Checked By	Description 2nd	Language en-US
Approved By	1st View	Version
		Sheet 18 - 33

1

2

3

4

A

Settings			
Acquisition cycle	1 s	Acquisition mode	Cyclic in operation
ID tag			
Linear scaling			
Linear scaling	Unchecked	PLC value range end value	10
PLC value range start value	0	HMI device value range end value	100
HMI device value range start value	0		
Miscellaneous			
Start value			
Comment			
Comment			
Multiplexing			
Multiplexing	Unchecked	Index tag	

B

VÁLVULA.CIRCUITO.REGA.3

General			
Name	VÁLVULA.CIRCUITO.REGA.3	Connection	HMI_connection_1
Data type	Bool	Array elements	0
Length	1	Address	
AddressAccess-Mode	<symbolic access>	PLC tag	VÁLVULA.CIRCUITO.REGA.3
Coding	Binary	PlcName	PLC_1
TagTable	Default tag table		
Settings			
Acquisition cycle	1 s	Acquisition mode	Cyclic in operation
ID tag			
Linear scaling			
Linear scaling	Unchecked	PLC value range end value	10
PLC value range start value	0	HMI device value range end value	100
HMI device value range start value	0		
Miscellaneous			
Start value			
Comment			
Comment			
Multiplexing			
Multiplexing	Unchecked	Index tag	

C

D

VÁLVULA.CIRCUITO.REGA.4

General			
Name	VÁLVULA.CIRCUITO.REGA.4	Connection	HMI_connection_1
Data type	Bool	Array elements	0
Length	1	Address	
AddressAccess-Mode	<symbolic access>	PLC tag	VÁLVULA.CIRCUITO.REGA.4
Coding	Binary	PlcName	PLC_1

E

F

Owner	Project name	Abastecimento de água V11 - 1212C - Final	Date	6/21/2012
Operator	Project Path	D:\Documents and Settings\Tiago\Desktop\Dissertação Mestrado V11\Abastecimento de água V11 - 1212C - Final		
	Location			
Designed By	Description 1st			
Checked By	Description 2nd	Language	en-US	
Approved By	1st View	Version	Sheet 18 - 34	

A

TagTable	Default tag table		
Settings			
Acquisition cycle	1 s	Acquisition mode	Cyclic in operation
ID tag			
Linear scaling			
Linear scaling	Unchecked	PLC value range end value	10
PLC value range start value	0	HMI device value range end value	100
HMI device value range start value	0		
Miscellaneous			
Start value			
Comment			
Comment			
Multiplexing			
Multiplexing	Unchecked	Index tag	

B

VÁLVULA.CIRCUITO.REGA.5

C

General			
Name	VÁLVULA.CIRCUITO.REGA.5	Connection	HMI_connection_1
Data type	Bool	Array elements	0
Length	1	Address	
AddressAccess-Mode	<symbolic access>	PLC tag	VÁLVULA.CIRCUITO.REGA.5
Coding	Binary	PlcName	PLC_1
TagTable	Default tag table		
Settings			
Acquisition cycle	1 s	Acquisition mode	Cyclic in operation
ID tag			
Linear scaling			
Linear scaling	Unchecked	PLC value range end value	10
PLC value range start value	0	HMI device value range end value	100
HMI device value range start value	0		
Miscellaneous			
Start value			
Comment			
Comment			
Multiplexing			
Multiplexing	Unchecked	Index tag	

D

E

F

Owner	Project name Abastecimento de água V11 - 1212C - Final	Date 6/21/2012
Operator	Project Path D:\Documents and Settings\Tiago\Desktop\Dissertação Mestrado V11\Abastecimento de água V11 - 1212C - Final	
	Location	
Designed By	Description 1st	
Checked By	Description 2nd	Language en-US
Approved By	1st View	Version
		Sheet 18 - 35

HMI_1 [KTP600 Basic mono PN]

Connections

HMI_connection_1

Name	HMI_connection_1	Communication driver	SIMATIC S7 1200
Comment		Online	Checked
Station	SIMATIC 1200 station_2	Partner	PLC_1
Node	CPU 1212C DC/DC/DC, PROFINET interface (R0/S1)		

Parameter

HMI device			
Interface	PROFINET (X1)	Address	192.168.1.104
Access point	S7ONLINE		
PLC			
Address	192.168.1.30	Expansion slot	1
Rack	0		

Owner	Project name	Abastecimento de água V11 - 1212C - Final	Date	6/21/2012
	Operator	Project Path D:\Documents and Settings\Tiago\Desktop\Dissertação Mestrado V11\Abastecimento de água V11 - 1212C - Final		
Designed By	Location			
	Description 1st			
Checked By	Description 2nd		Language en-US	
	Approved By	1st View	Version	Sheet 19 - 1

HMI_1 [KTP600 Basic mono PN]

HMI alarms

Errors

General			
Object name	Errors	Display name	!
ID	1	Common alarm class	<No alarm class>
Acknowledgment			
Acknowledgment model	Alarm with simple acknowledgment		
Status			
Text for "Incoming"	I	Text for "Outgoing"	O
Text for "Acknowledged"	A		
Colors			
Background "Incoming/Acknowledged"	255, 255, 255	Background "Incoming"	128, 128, 128
Background "Incoming/Outgoing/Acknowledged"	255, 255, 255	Background "Incoming/Outgoing"	128, 128, 128

System

General			
Object name	System	Display name	\$
ID	3	Common alarm class	<No alarm class>
Acknowledgment			
Acknowledgment model	Alarm without acknowledgment		
Status			
Text for "Incoming"	I	Text for "Outgoing"	O
Text for "Acknowledged"	A		
Colors			
Background "Incoming/Acknowledged"	255, 255, 255	Background "Incoming"	255, 255, 255
Background "Incoming/Outgoing/Acknowledged"	255, 255, 255	Background "Incoming/Outgoing"	255, 255, 255

Warnings

General			
Object name	Warnings	Display name	
ID	2	Common alarm class	<No alarm class>

Owner	Project name	Abastecimento de água V11 - 1212C - Final	Date	6/21/2012
	Operator	Project Path D:\Documents and Settings\Tiago\Desktop\Dissertação Mestrado V11\Abastecimento de água V11 - 1212C - Final		
Designed By	Location			
	Description 1st			
Checked By	Description 2nd		Language en-US	
	Approved By		1st View	Version

1

2

3

4

A

Acknowledgment**Acknowledgment model** Alarm without acknowledgment**Status****Text for "Incoming"** I **Text for "Outgoing"** O**Text for "Acknowledged"** A**Colors****Background "Incoming/Acknowledged"** 255, 255, 255 **Background "Incoming"** 255, 255, 255**Background "Incoming/Outgoing/Acknowledged"** 255, 255, 255 **Background "Incoming/Outgoing"** 255, 255, 255

B

C

D

E

F

Owner

Project name Abastecimento de água V11 - 1212C - Final

Date 6/21/2012

Operator

Project Path
D:\Documents and Settings\Tiago\Desktop\Dissertação Mestrado
V11\Abastecimento de água V11 - 1212C - Final

Location

Designed By

Description 1st

Checked By

Description 2nd

Language en-US

Approved By

1st View

Version

Sheet 20 - 2

1

2

3

4

A

HMI_1 [KTP600 Basic mono PN] / HMI alarms

Discrete alarms

This folder is empty.

B

C

D

E

F

Owner	Project name Abastecimento de água V11 - 1212C - Final	Date 6/21/2012
Operator	Project Path D:\Documents and Settings\Tiago\Desktop\Dissertação Mestrado V11\Abastecimento de água V11 - 1212C - Final	
Designed By	Location	
Checked By	Description 1st	Language en-US
Approved By	Description 2nd	1st View
		Version
		Sheet 21 - 1

1

2

3

4

A

HMI_1 [KTP600 Basic mono PN] / HMI alarms

Analog alarms

This folder is empty.

B

C

D

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F

Owner	Project name	Abastecimento de água V11 - 1212C - Final	Date	6/21/2012
Operator	Project Path	D:\Documents and Settings\Tiago\Desktop\Dissertação Mestrado V11\Abastecimento de água V11 - 1212C - Final		
	Location			
Designed By	Description 1st			
Checked By	Description 2nd	Language	en-US	
Approved By	1st View	Version	Sheet 22 - 1	

A

HMI_1 [KTP600 Basic mono PN] / HMI alarms

Alarm groups

This folder is empty.

B

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Owner	Project name Abastecimento de água V11 - 1212C - Final	Date 6/21/2012
Operator	Project Path D:\Documents and Settings\Tiago\Desktop\Dissertação Mestrado V11\Abastecimento de água V11 - 1212C - Final	
Designed By	Location	
Checked By	Description 1st	Language en-US
Approved By	Description 2nd	1st View
	Version	Sheet 23 - 1

HMI_1 [KTP600 Basic mono PN] / HMI alarms

Alarm classes

Errors

General			
Object name	Errors	Display name	!
ID	1	Common alarm class	<No alarm class>
Acknowledgment			
Acknowledgment model	Alarm with simple acknowledgment		
Status			
Text for "Incoming"	I	Text for "Outgoing"	O
Text for "Acknowledged"	A		
Colors			
Background "Incoming/Acknowledged"	255, 255, 255	Background "Incoming"	128, 128, 128
Background "Incoming/Outgoing/Acknowledged"	255, 255, 255	Background "Incoming/Outgoing"	128, 128, 128

System

General			
Object name	System	Display name	\$
ID	3	Common alarm class	<No alarm class>
Acknowledgment			
Acknowledgment model	Alarm without acknowledgment		
Status			
Text for "Incoming"	I	Text for "Outgoing"	O
Text for "Acknowledged"	A		
Colors			
Background "Incoming/Acknowledged"	255, 255, 255	Background "Incoming"	255, 255, 255
Background "Incoming/Outgoing/Acknowledged"	255, 255, 255	Background "Incoming/Outgoing"	255, 255, 255

Warnings

General			
Object name	Warnings	Display name	
ID	2	Common alarm class	<No alarm class>

Owner	Project name	Abastecimento de água V11 - 1212C - Final	Date	6/21/2012
	Operator	Project Path D:\Documents and Settings\Tiago\Desktop\Dissertação Mestrado V11\Abastecimento de água V11 - 1212C - Final		
Designed By	Location			
	Description 1st			
Checked By	Description 2nd		Language en-US	
	Approved By		1st View	Version

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A

Acknowledgment**Acknowledgment model** Alarm without acknowledgment**Status****Text for "Incoming"** I **Text for "Outgoing"** O**Text for "Acknowledged"** A**Colors****Background "Incoming/Acknowledged"** 255, 255, 255 **Background "Incoming"** 255, 255, 255**Background "Incoming/Outgoing/Acknowledged"** 255, 255, 255 **Background "Incoming/Outgoing"** 255, 255, 255

B

C

D

E

F

Owner

Project name Abastecimento de água V11 - 1212C - Final

Date 6/21/2012

Operator

Project Path
D:\Documents and Settings\Tiago\Desktop\Dissertação Mestrado
V11\Abastecimento de água V11 - 1212C - Final

Location

Designed By

Description 1st

Checked By

Description 2nd

Language en-US

Approved By

1st View

Version

Sheet 24 - 2

1

2

3

4

A

HMI_1 [KTP600 Basic mono PN] / HMI alarms

System events

This folder is empty.

B

C

D

E

F

Owner	Project name Abastecimento de água V11 - 1212C - Final	Date 6/21/2012
Operator	Project Path D:\Documents and Settings\Tiago\Desktop\Dissertação Mestrado V11\Abastecimento de água V11 - 1212C - Final	
	Location	
Designed By	Description 1st	
Checked By	Description 2nd	Language en-US
Approved By	1st View	Version
		Sheet 25 - 1

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3

4

A

HMI_1 [KTP600 Basic mono PN]

Recipes

B

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F

Owner	Project name Abastecimento de água V11 - 1212C - Final	Date 6/21/2012
Operator	Project Path D:\Documents and Settings\Tiago\Desktop\Dissertação Mestrado V11\Abastecimento de água V11 - 1212C - Final	
Designed By	Location	
Checked By	Description 1st	Language en-US
Approved By	Description 2nd	1st View
		Version
		Sheet 26 - 1

1

2

3

4

A

HMI_1 [KTP600 Basic mono PN]

Scheduled tasks

B

C

D

E

F

Owner	Project name Abastecimento de água V11 - 1212C - Final	Date 6/21/2012
Operator	Project Path D:\Documents and Settings\Tiago\Desktop\Dissertação Mestrado V11\Abastecimento de água V11 - 1212C - Final	
Designed By	Location	
Checked By	Description 1st	Language en-US
Approved By	Description 2nd	1st View
	Version	Sheet 27 - 1

HMI_1 [KTP600 Basic mono PN]

Text and graphic lists

TextList_ScreenNames

Name	TextList_ScreenNames	List range	Value/Range
Comment			

Value: 1

Entry type	Single value	Text	Home

Value: 2

Entry type	Single value	Text	Visualização Geral

Value: 3

Entry type	Single value	Text	Configurações de Horário

Value: 4

Entry type	Single value	Text	Configurações do pH

Value: 5

Entry type	Single value	Text	Quantidades e Níveis

Value: 6

Entry type	Single value	Text	Modo Manual

Value: 7

Entry type	Single value	Text	Controlo de Circuitos de Rega

Value: 8

Entry type	Single value	Text	Manutenção

Value: 9

Entry type	Single value	Text	Informações do Projeto

Value: 10

Entry type	Single value	Text	Definições de Origem

Value: 11

Entry type	Single value	Text	Arranque e Funcionamento

Owner	Project name	Abastecimento de água V11 - 1212C - Final	Date	6/21/2012
	Operator	Project Path D:\Documents and Settings\Tiago\Desktop\Dissertação Mestrado V11\Abastecimento de água V11 - 1212C - Final		
Designed By	Location			
	Description 1st			
Checked By	Description 2nd		Language	
	1st View		en-US	
Approved By	Version		Sheet	
			28 - 1	

HMI_1 [KTP600 Basic mono PN] / Text and graphic lists

Text lists

TextList_ScreenNames

Name	TextList_ScreenNames	List range	Value/Range
Comment			

Value: 1

Entry type	Single value	Text	Home
------------	--------------	------	------

Value: 2

Entry type	Single value	Text	Visualização Geral
------------	--------------	------	--------------------

Value: 3

Entry type	Single value	Text	Configurações de Horário
------------	--------------	------	--------------------------

Value: 4

Entry type	Single value	Text	Configurações do pH
------------	--------------	------	---------------------

Value: 5

Entry type	Single value	Text	Quantidades e Níveis
------------	--------------	------	----------------------

Value: 6

Entry type	Single value	Text	Modo Manual
------------	--------------	------	-------------

Value: 7

Entry type	Single value	Text	Controlo de Circuitos de Rega
------------	--------------	------	-------------------------------

Value: 8

Entry type	Single value	Text	Manutenção
------------	--------------	------	------------

Value: 9

Entry type	Single value	Text	Informações do Projeto
------------	--------------	------	------------------------

Value: 10

Entry type	Single value	Text	Definições de Origem
------------	--------------	------	----------------------

Value: 11

Entry type	Single value	Text	Arranque e Funcionamento
------------	--------------	------	--------------------------

Owner	Project name	Abastecimento de água V11 - 1212C - Final	Date	6/21/2012
Operator	Project Path	D:\Documents and Settings\Tiago\Desktop\Dissertação Mestrado V11\Abastecimento de água V11 - 1212C - Final		
Designed By	Description 1st	Location		
Checked By	Description 2nd	Language	en-US	
Approved By	1st View	Version	Sheet 29 - 1	

1

2

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4

A

HMI_1 [KTP600 Basic mono PN] / Text and graphic lists

Graphic lists

This folder is empty.

B

C

D

E

F

Owner	Project name Abastecimento de água V11 - 1212C - Final	Date 6/21/2012
Operator	Project Path D:\Documents and Settings\Tiago\Desktop\Dissertação Mestrado V11\Abastecimento de água V11 - 1212C - Final	
	Location	
Designed By	Description 1st	
Checked By	Description 2nd	Language en-US
Approved By	1st View	Version
		Sheet 30 - 1

HMI_1 [KTP600 Basic mono PN]

User administration

A

General			
Name	A	Number	1
Automatic logoff			
Automatic logoff	Checked	Logoff time	2
Comment			
Comment	The user 'Administrator' is assigned to the 'Administrator' group.		
Groups			
Groups	Administrator group;		

Administrator group

General			
Name	Administrator group	Display name	Administrator group
Number	1	Password aging	Unchecked
Comment			
Comment	The 'Administrator' group is initially granted all rights.		
Authorizations			
Authorizations	User administration; Monitor; Operate;		

Users

General			
Name	Users	Display name	Users
Number	2	Password aging	Unchecked
Comment			
Comment	The 'Users' group is initially granted 'Operating' rights.		
Authorizations			
Authorizations	Operate;		

Monitor

General			
Name	Monitor	Authorization	Monitor
Authorization number	2		
Comment			
Comment	'Monitor' authorization.		

Operate

General			
Name	Operate	Authorization	Operate

Owner	Project name	Abastecimento de água V11 - 1212C - Final	Date	6/21/2012
	Operator	Project Path D:\Documents and Settings\Tiago\Desktop\Dissertação Mestrado V11\Abastecimento de água V11 - 1212C - Final		
Designed By	Location			
	Description 1st			
Checked By	Description 2nd		Language	en-US
Approved By	1st View		Version	Sheet 31 - 1

1

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4

A

Authorization number	3
Comment	
Comment	'Operate' authorization.

User administration

B

General			
Name	User administration	Authorization	User administration
Authorization number	1		
Comment			
Comment	Authorize 'User administration' for managing users in the user view in Runtime.		

C

D

E

F

Owner	Project name	Abastecimento de água V11 - 1212C - Final	Date	6/21/2012
Operator	Project Path	D:\Documents and Settings\Tiago\Desktop\Dissertação Mestrado V11\Abastecimento de água V11 - 1212C - Final		
	Location			
Designed By	Description 1st			
Checked By	Description 2nd	Language	en-US	
Approved By	1st View	Version	Sheet 31 - 2	

HMI_1 [KTP600 Basic mono PN] / User administration

User

A

General			
Name	A	Number	1
Automatic logoff			
Automatic logoff	Checked	Logoff time	2
Comment			
Comment	The user 'Administrator' is assigned to the 'Administrator' group.		
Groups			
Groups	Administrator group;		

Owner	Project name	Abastecimento de água V11 - 1212C - Final	Date	6/21/2012
	Operator	Project Path D:\Documents and Settings\Tiago\Desktop\Dissertação Mestrado V11\Abastecimento de água V11 - 1212C - Final		
Designed By	Location			
	Description 1st			
Checked By	Description 2nd		Language en-US	
	Approved By	1st View	Version	Sheet 32 - 1

HMI_1 [KTP600 Basic mono PN] / User administration

Groups

Administrator group

General			
Name	Administrator group	Display name	Administrator group
Number	1	Password aging	Unchecked
Comment			
Comment	The 'Administrator' group is initially granted all rights.		
Authorizations			
Authorizations	User administration; Monitor; Operate;		

Users

General			
Name	Users	Display name	Users
Number	2	Password aging	Unchecked
Comment			
Comment	The 'Users' group is initially granted 'Operating' rights.		
Authorizations			
Authorizations	Operate;		

Owner	Project name	Abastecimento de água V11 - 1212C - Final	Date	6/21/2012
	Operator	Project Path D:\Documents and Settings\Tiago\Desktop\Dissertação Mestrado V11\Abastecimento de água V11 - 1212C - Final		
Designed By	Location			
	Description 1st			
Checked By	Description 2nd		Language	en-US
Approved By	1st View	Version	Sheet 33 - 1	

HMI_1 [KTP600 Basic mono PN] / User administration

Authorizations

Monitor

General			
Name	Monitor	Authorization	Monitor
Authorization number	2		
Comment			
Comment	'Monitor' authorization.		

Operate

General			
Name	Operate	Authorization	Operate
Authorization number	3		
Comment			
Comment	'Operate' authorization.		

User administration

General			
Name	User administration	Authorization	User administration
Authorization number	1		
Comment			
Comment	Authorize 'User administration' for managing users in the user view in Runtime.		

Owner	Project name	Abastecimento de água V11 - 1212C - Final	Date	6/21/2012
	Operator	Project Path	D:\Documents and Settings\Tiago\Desktop\Dissertação Mestrado V11\Abastecimento de água V11 - 1212C - Final	
Location				
Designed By	Description 1st			
Checked By	Description 2nd	Language	en-US	
Approved By	1st View	Version	Sheet 34 - 1	