

CONTROL LOGIC DIAGRAM FOR TRANSFER LINE

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Document Revision

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7	X	X							47								
8	X	X							48								
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10	X	X							50								
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Project Name: Golgohar Steel Project		Page No: _____		Total Pages: _____	
Client: G.I.S.D.CO.		Project No: _____		Revision: _____	
Title: CONTROL LOGIC DIAGRAM FOR TRANSFER LINE		Drawing No: _____		Scale: _____	
S-SM01-D-BOP-WMP-DWG-IN-006		Sheet No: _____		Total Sheets: _____	
157DUGAZ070003-01		Revision: _____		Date: _____	

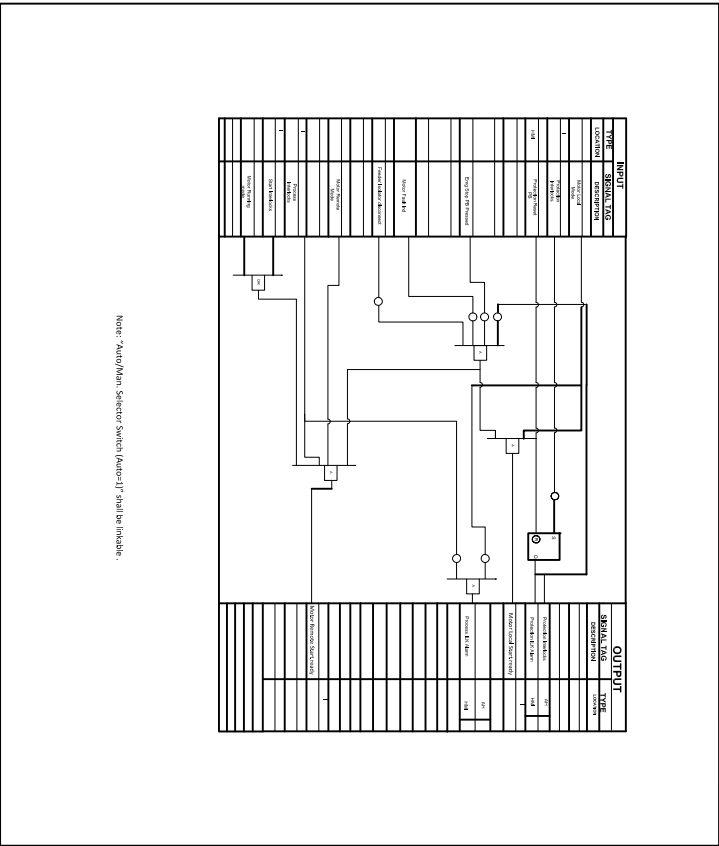
LEGEND

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FUNCTION BLOCK DESCRIPTION

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FUNCTION BLOCK FOR MOTOR CONTINUED

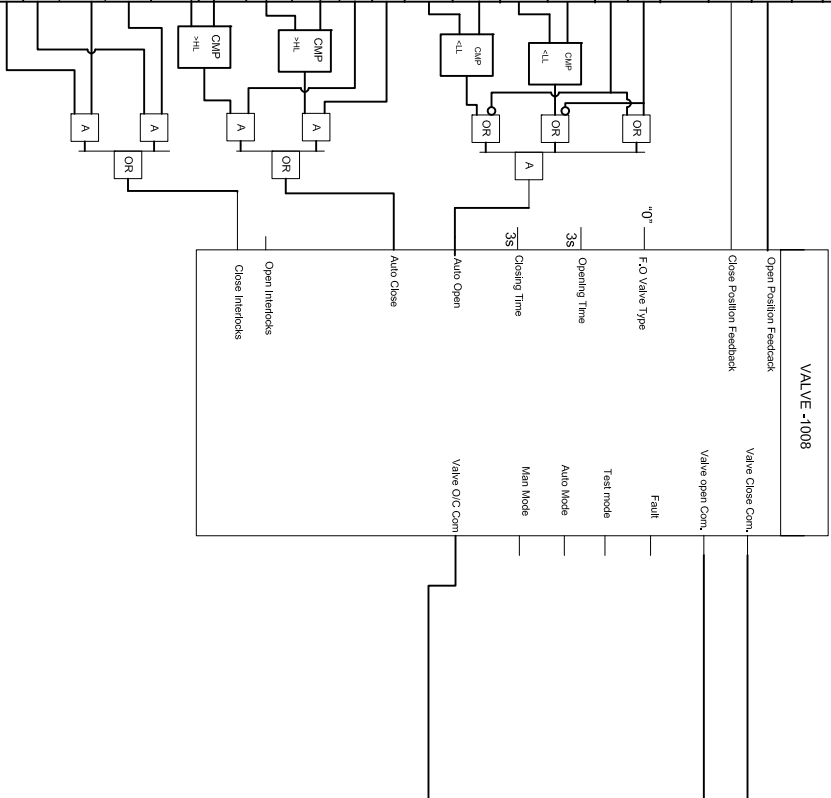
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FUNCTION BLOCK FOR VALVE

TYPE	SIGNAL TAG	LOCATION	DESCRIPTION	TYPE	LOCATION
	Valve fault				
	Valve O/C Com.				
	Valve Command				
	Valve Open Com.				
	Valve test Mode				
	Valve Close Com.				
	Auto/Man Mode				
	Valve Close PB				
	Auto/Man, Selector Switch (Auto=1)				
	Auto Close				
	Open Interlock				
	Close Interlock				
	Valve fault				
	HMI fault reset PB				

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LOGIC DESCRIPTION			FB-Valve			
INPUT			OUTPUT			
TAG NO	DESCRIPTION	LOCATION	SIGNAL TYPE	LOCATION	TAG NO	SIGNAL TYPE
uzsc-1008	SOV-1008 Close Position	FIELD	DI	FIELD	SOV-1008	Valve-1008 Close Command
uzso-1008	SOV-1008 Open Position	FIELD	DI	FIELD	SOV-1008	Valve-1008 Open Command
	10SCBFP-7A01-Q2-1 In Service	HMI	Logical			
	10SCBFP-7A01-Q2-2 In Service	HMI	Logical			
UT-1003	Level Transmitter	FIELD	AI			
UT-1003	Low Level set point	HMI	Logical			
UT-1004	Level Transmitter	FIELD	AI			
UT-1004	Low Level set point	FIELD	DI			
UT-1003	High Level set point	HMI	Logical			
UT-1003	Level Transmitter	FIELD	AI			
	10SCBFP-7A01-Q2-1 In Service	HMI	Logical			
	10SCBFP-7A01-Q2-2 In Service	HMI	Logical			
UT-1004	Level Transmitter	FIELD	AI			
UT-1003	High Level set point	HMI	Logical			
UT-1004	Level Transmitter	FIELD	AI			
UT-1004	High Level set point	HMI	Logical			
US-1003	Low Low Level Switch	FIELD	DI			
US-1004	Low Low Level Switch	FIELD	DI			
	10SCBFP-7A01-Q2-1 In Service	HMI	Logical			
	10SCBFP-7A01-Q2-2 In Service	HMI	Logical			



HMI	
In Service / Test	
Auto / Man	
OP	CL
PB	PB

Client	BARSOO	Project	Colgate Steel Project
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