

B	04-09-2026	Cliente	SEDIMA	C.Pedraza	O. Escorcia
Rev	Fecha	Emitido Para	Elaboró	Revisó	Aprobó

INGENIERÍA DETALLADA DEL SISTEMA DE PROTECCIÓN AUTÓNOMO PARA LA LÍNEA TEMPORAL SAMORÉ: CRUCE “LA CHINA”



HOJAS DE DATOS DE VÁLVULAS MANUALES (1479-DS-M-331)

CLIENTE:



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STANDARD FOR PURCHASE OF VALVES FOR CRITICAL SERVICE							
S SEDIMA CORP PROMIORIENTE Una empresa PROMIGAS		VALVES			SHEET 1 OF 2		
					SPEC. NO.		
					REV.		
		NO BY DATE REVISION			1749-DS-M-331 B		
		1 SEDIMA 08-14-26 A			PROJECT		
		2 SEDIMA 09-04-26 B			ESDV "LA CHINA"		
					DATE		
					09-04-26		
					REQ. - P.O.		
					4900117705		
					BY		
					CHK'D		
					APPR.		
		SEDIMA			C.PEDRAZA	O.ESCORCIA	
ID	1	Tag #1	VP-102				
	2	Tag #2	VP-103				
	3	Tag #3	VP-212				
	4	Tag #4	VP-213				
	5	Tag #5					
	6	Tag #6					
	7	Tag #7					
	8	Tag #8					
	9	Tag #9					
DESIGN/ SERVICE REQS.	10	Service	☒ Block	☒ Blowdown	☐ Side	☐ Emergency Shutdown	☐ Linebreak
	11	Fluid	Natural Gas	☐ Sour Gas Service (NACE MR-01-75)			
	12	Design Pressure (psig)	1440	Class(per ANSI 16.5)	600	Desing Factor	
	13	Design Temperature Range (°F)	Min.: Body	-20	Operator	Stem&Wheel	
	14		Max.: Body	120	Operator	Stem&Wheel	
	15	Maximum Field Test Pressure (psig)					
	16	Installation Location:	☒ Above Ground	☐ Below Ground			
CONFIG. REQS.	17	Valve Size (inches)	3				
	18	Valve Type & Pattern					
	19		☐ Gate	☐ Regular, Double Disc with	☐ Rising Stem,	☐ Non-Rising Stem	
	20			☐ Conduit with	☐ Rising Stem,	☐ Non-Rising Stem	
	21		☒ Plug	☒ Regular,	☐ Venturi,	☐ Round Port Full Bore,	☐ Short Pattern
	22		☐ Check	☐ Regular,	☐ Full-Opening	☐ Wafer, Dual-Plate, Long,	
	23			☐ Wafer, Single-Plate, Long,	☐ Wafer, Single-Plate, Short		
	24		☐ Ball	☐ Full Bore,	☐ Reduced Bore, (in)		☐ Short Pattern
	25		☐ Double Block & Bleed				
	26		Stem Orientation:	☐ Vertical	☒ Horizontal		
	27	Valve Seat Materials:	Standard materials				
	28	End Preparation					
	29	Inlet:	☐ Flat Face Flange,	☒ Raised Face Flange,	☐ Ring Type Joint	☐ Other:	
	30		☐ Weld-End, Matching Pipe: ID (in)		, Wall Thickness (in)		
	31	Outlet:	☐ Flat Face Flange,	☒ Raised Face Flange,	☐ Ring Type Joint	☐ Other:	
	32		☐ Weld-End, Matching Pipe: ID (in)		, Wall Thickness (in)		
	33	Transition Pipe, Furnished if Required:	☐ By Purchaser,	☐ By Manufacturer			
34		Lengths: Inlet (in)		, Outlet (in)		, Assembly (in)	
ACCESSORIES	35		☐ Drain & By-pass Connections Required				
	36	Operator Type:	☐ Gear w/Handwheel,	☒ Manual w/Wrench,	☐ Power Operator(Direct Stem)		
	37		☐ * Furnish Extension, Length (inches)				
	38		☐ Furnish Operation Wrenches , Bars or Handwheel				
	39		☐ Manual Operating Mechanism Locking Device :	☐ Lock Open,	☐ Lock Closed		
	40	Locking Device Required	Type:				
	41	Power Operator:	Furnished by	☐ Valve Mfr.,	☐ Purchaser,	☐ Other	
	42		Mounted By	☐ Valve Mfr.,	☐ Purchaser,	☐ Other	
	43		☐ Operator per Attached Engineering Standard				
	44		☐ Operator per Other Attached Specification				
45	*For a handwheel on a horizontal shaft, the distance from the centerline of the valve opening to the center of the handwheel						in.
46	*Or for a handwheel on a vertical shaft, the distance from the centerline of the valve opening to the center of the of the handwheel						in.
PAINTING/COATING REQS.	47		☒ None requires, valve to be cleaned and painted/coated by others				
	48		☐ Clean & Prime:	☐ Iron oxide/zinc chromate to 2.0 mils minimum dry film thickness			
	49			☐ Inorganic sinc to 2.5 mils minimum dry thickness			
	50		☐ Clean & Coat:	☐ Coal tar epoxy to 20 mils minimum dry film thickness			
	51			☐ Flake reinforced polyester to 3.5 mils min. Dry film thickeness			
	52		☐ Other				
SUPPLEMENTAL TEST REQS.	53		☒ Fire Testing Requires per API RP 6F				
	54		☐ Test Temperature for Charpy V-Notch tests required by API - 6D				°F
	55		(pressure containing material having minimum desing temperature less than - 20 °F)				
	56		☐ Optional Charpy V-Notch Test required for pressure containing material having a minimum desing temperature equal to or above - 20°F.				
	57		Test Temperature				°F
	58		☐ Valve Body and Bonnet NDT per ANSI B16.34 for "Special Class" Valves				
			☐ Breakway Torque per API 6D, Section 5.				
ADDITIONAL REQS. AND NOTES	59	Lubricated Plug Valves					
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STANDARD FOR PURCHASE OF VALVES FOR CRITICAL SERVICE											
 PROMIORIENTE Una empresa PROMIGAS				VALVES				SHEET 2 OF 2			
				NO		BY		DATE		REVISION	
				1		SEDIMA		08-14-26		A	
				2		SEDIMA		09-04-26		B	
				SPEC. NO. 1749-DS-M-331		REV. B					
				PROJECT ESDV "LA CHINA"		DATE 09-04-26					
				REQ. - P.O. 4900117705							
				BY SEDIMA		CHK'D C.PEDRAZA		APPR. O.ESCORCIA			
ID	1	Tag #1 VB-104									
	2	Tag #2 VB-214									
	3	Tag #3									
	4	Tag #4									
	5	Tag #5									
	6	Tag #6									
	7	Tag #7									
	8	Tag #8									
	9	Tag #9									
DESIGN/ SERVICE REQS.	10	Service ☒ Block ☒ Blowdown ☐ Side ☐ Emergency Shutdown ☐ Linebreak									
	11	Fluid <u>Natural Gas</u> ☐ Sour Gas Service (NACE MR-01-75)									
	12	Design Pressure (psig)		<u>#3000</u>		Class(per ANSI 16.5)		<u># 3000</u> Desing Factor			
	13	Design Temperature Range (°F)		Min.: Body <u>-20</u> Operator				Stem&Wheel			
	14			Max.: Body <u>100</u> Operator				Stem&Wheel			
	15	Maximum Field Test Pressure (psig) _____									
	16	Installation Location: ☒ Above Ground ☐ Below Ground									
CONFIG. REQ.	17	Valve Size (inches) <u>1</u>									
	18	Valve Type & Pattern									
	19	☐ Gate ☐ Regular, Double Disc with ☐ Rising Stem, ☐ Non-Rising Stem									
	20	☐ Conduit with ☐ Rising Stem, ☐ Non-Rising Stem									
	21	☐ Plug ☐ Regular, ☐ Venturi, ☐ Round Port Full Bore, ☐ Short Pattern									
	22	☐ Check ☐ Regular, ☐ Full-Opening ☐ Wafer, Dual-Plate, Long,									
	23	☐ Wafer, Single-Plate, Long, ☐ Wafer, Single-Plate, Short									
	24	☒ Ball ☒ Full Bore, ☐ Reduced Bore, (in) _____ ☐ Short Pattern									
	25	☐ Double Block & Bleed									
	26	Stem Orientation: ☐ Vertical ☒ Horizontal									
	27	Valve Seat Materials: <u>Standard materials</u>									
	28	End Preparation									
	29	Inlet: ☐ Flat Face Flange, ☐ Raised Face Flange, ☐ Ring Type Joint ☒ Other: <u>Threaded</u>									
	30	☐ Weld-End, Matching Pipe: ID (in) _____, Wall Thickness (in) _____									
	31	Outlet: ☐ Flat Face Flange, ☐ Raised Face Flange, ☐ Ring Type Joint ☒ Other: <u>Threaded</u>									
	32	☐ Weld-End, Matching Pipe: ID (in) _____, Wall Thickness (in) _____									
33	Transition Pipe, Furnished if Required: ☐ By Purchaser, ☐ By Manufacturer										
34	Lengths: Inlet (in) _____, Outlet (in) _____, Assembly (in) _____										
ACCESSORIES	35	☐ Drain & By-pass Connections Required									
	36	Operator Type: ☐ Gear w/Handwheel, ☒ Manual w/Wrench, ☐ Power Operator(Direct Stem)									
	37	☐ * Furnish Extension, Length (inches) _____									
	38	☐ Furnish Operation Wrenches , Bars or Handwheel _____									
	39	☐ Manual Operating Mechanism Locking Device : ☐ Lock Open, ☐ Lock Closed									
	40	Locking Device Required _____ Type: _____									
	41	Power Operator: Furnished by ☐ Valve Mfr., ☐ Purchaser, ☐ Other _____									
	42	Mounted By ☐ Valve Mfr., ☐ Purchaser, ☐ Other _____									
	43	☐ Operator per Attached Engineering Standard									
	44	☐ Operator per Other Attached Specification _____									
45	*For a handwheel on a horizontal shaft, the distance from the centerline of the valve opening to the center of the handwheel _____ in.										
46	*Or for a handwheel on a vertical shaft, the distance from the centerline of the valve opening to the center of the of the handwheel _____ in.										
PAINTING/COATING REQS.	47	☒ None requires, valve to be cleaned and painted/coated by others									
	48	☐ Clean & Prime: ☐ Iron oxide/zinc chromate to 2.0 mils minimum dry film thickness									
	49	☐ Inorganic sinc to 2.5 mils minimum dry thickness									
	50	☐ Clean & Coat: ☐ Coal tar epoxy to 20 mils minimum dry film thickness									
	51	☐ Flake reinforced polyester to 3.5 mils min. Dry film thickeness									
	52	☐ Other _____									
SUPPLEMENTAL TEST REQ.	53	☐ Fire Testing Requires per API RP 6F									
	54	☐ Test Temperature for Charpy V-Notch tests required by API - 6D _____ °F (pressure containing material having minimum desing temperature less than - 20 °F)									
	55	☐ Optional Charpy V-Notch Test required for pressure containing material having a minimum desing temperature equal to or above - 20°F.									
	56	Test Temperature _____ °F									
	57	☐ Valve Body and Bonnet NDT per ANSI B16.34 for "Special Class" Valves									
	58	☐ Breakway Torque per API 6D, Section 5.									
ADDITIONAL REQ. AND NOTES	59	Forged body design									
	60	Reinforced seats									
	61	Full port									
	62	Blowout-proof stem design									
	63	Heavy duty lever									
	64										
	65										
	66										
	67										
	68										
69											
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