

0	14-09-2026	Construcción	SEDIMA	C.Pedraza	O. Escorcía
Rev	Fecha	Emitido Para	Elaboró	Revisó	Aprobó

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



HOJA DE DATOS DE VÁLVULAS MANUALES (1749-DS-M-331)

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STANDARD FOR PURCHASE OF VALVES FOR CRITICAL SERVICE													
 PROMIORIENTE Una empresa PROMIGAS				VALVES				SHEET 1 OF 2					
				NO		BY		DATE		REVISION			
				1		SEDIMA		08-14-26		A			
				2		SEDIMA		09-04-26		B			
				3		SEDIMA		09-14-26		0			
				SPEC. NO. 1749-DS-M-331		REV. 0							
				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		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. REQ.	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 REQ.	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 REQ. AND NOTES	59	Lubricated Plug Valves											
	60												
	61												
	62												
	63												
	64												
	65												
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STANDARD FOR PURCHASE OF VALVES FOR CRITICAL SERVICE								
S SEDIMA CORP PROMIORIENTE Una empresa PROMIGAS		VALVES				SHEET 2 OF 2		
						SPEC. NO.		
						REV.		
		NO BY DATE REVISION				1749-DS-M-3310		
		1 SEDIMA 08-14-26 A				PROJECT		
		2 SEDIMA 09-04-26 B				ESDV "LA CHINA"		
		3 SEDIMA 09-14-26 0				REQ. - P.O.		
						4900117705		
						BY		
						CHK'D		
						APPR.		
						SEDIMA C.PEDRAZA 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		Natural Gas		☐ Sour Gas Service (NACE MR-01-75)		
	12	Design Pressure (psig)		#3000	Class(per ANSI 16.5)		# 3000	Desing Factor
	13	Design Temperature Range (°F)		Min.: Body	-20	Operator	Stem&Wheel	
	14			Max.: Body	100	Operator	Stem&Wheel	
	15	Maximum Field Test Pressure (psig)						
	16	Installation Location:		☒ Above Ground	☐ Below Ground			
CONFIG. REQS.	17	Valve Size (inches)		1				
	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: Threaded	
	30			☐ Weld-End, Matching Pipe: ID (in) , Wall Thickness (in)				
	31	Outlet:		☐ Flat Face Flange,	☐ Raised Face Flange,	☐ Ring Type Joint	☒ Other: Threaded	
	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				
	53			☐ Fire Testing Requires per API RP 6F				
SUPPLEMENTAL TEST REQS.	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.				
	59							
ADDITIONAL REQS. AND NOTES	60	Forged body design						
	61	Reinforced seats						
	62	Full port						
	62	Blowout-proof stem design						
	63	Heavy duty lever						
	64							
	65							
	66							
	67							
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71								