



Clarification 3

B/23/2026 - VALVES FOR TRINCOMALEE TANK FARM DEVELOPMENT

Date - 2026/05/12

Item	Reference	Quarry	Answer by CPC		
1	Section 3. TECHNICAL SPECIFICATIONS, Item No.13,14 & 15.	<p>• This refers to item nos. 13, 14, and 15 (MOVs). Our supplier has requested the actuator datasheet or process conditions in order to select the appropriate actuator model number.</p> <p>The following parameters are specifically required for the actuator selection:</p> <p>a) Process pressure b) Differential pressure c) Ambient temperature d) Fluid temperature</p>	S.No.	Parameter / Feature	Specified Requirement
			1	General Valve Specifications	
			1.1	Valve Type	Motor Operated Valve (MOV)
			1.2	Design & Manufacturing Standard	ASME B16.34 / API 600
			1.3	Process Pressure	15 bar
			1.4	Differential Pressure	19bar (Design Pressure - Ambient Pressure)
			1.5	Fluid Temperature	80 deg C (Max)
			1.6	Pressure Rating	Class 150 (150 LB)
			1.7	End Connections	Flanged, Raised Face (RF)
			1.8	Body Material	Cast Carbon Steel, ASTM A216 Gr. WCB
			1.9	Location of installation	Outdoor
			1.10	Product	Fuel Oil
			1.11	Process Connection,	ASME B16.5, Class 150, Flange
			1.12	Ambient Temperature (Min / Max)	28 / 35 deg C
			1.13	Ambient Relative Humidity (Min / Max)	60/ 95 %
			2	Actuator & Power Specifications	
			2.1	Actuator Type	Electric Motor Actuator
			2.2	Stroke Time / Operation	Extended Stroke (Surge / Water Hammer Protected)
			2.3	Main Power Supply	1ph, 230V, 50HZ or 3ph, 400V, 50HZ
			2.4	Fail-Safe Configuration	Fail Last Position (Stay Put) on power loss
			3	Hazardous Area & Environment	
			3.1	Hazardous Area Certification	ATEX / IECEx certified for Zone 1
			3.2	Gas Group & Temperature Class	Group IIA, Temperature Class T3
			3.3	Ingress Protection (IP) Rating	IP68
			3.4	Coating / Painting System	MFG Standard Paint (Note 4)
			3.5	External Fasteners	316/316L Stainless Steel
			4	Controls & Accessories	
			4.1	Manual Override	Decutchable Handwheel included
			4.2	Feedback	Open/close/stop/emergency+ Mechanical position indicator