



04.09	SPECIFICATION FOR TYRUS VALVE (SPRING LOADED)	Doc No. E&P/MAT/05	Rev 0
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General	
Type	Spring Loaded Tyrus valve
Material of Construction	
Size (mm)	80 (3inch)
Body	Gun Metal
Pallet	SS 304/316
Pallet Seat	SS 304/316
Pallet Guide	SS 304/316
Screen	Aluminum
Screen Mesh	Brass
Top cover	Aluminum
Bolt and Hardware	SS 304/316
Preferred Pressure Rating (cm of WGC)	25
Preferred Vacuum Rating (cm of WGC)	2.5
Operating Pressure of tank (cm of WGC)	25
Flanges	3 inch Flanges 150# Raised Face Drilled to ANSI B 16.5 (Flange Face to be serrated)
Mounting of Flanges	Vertical Tank Top, Discharge to atmosphere
Service conditions & Site conditions	
Design Temp	Min 10 deg & max 55 deg
Service	Petroleum Products (MS/ LAN)
Operating temp	Ambient
Max. Working pressure	User to specify
Rate of pumping IN to tank (KL/Hr)	User to specify
Rate of pumping OUT from tank (KL/Hr)	User to specify