GUJARAT GAS

DATASHEET OF PAINTING
FOR FILTRATION AND PRESSURE REGULATING SKID

DOCUMENT NO : GGL /TS/DS/PAINT/2017-01

GUJARAT GAS

DATASHEET FOR PAINTING

Sr. No.	Technical Description	Filter, Pressure Safety Valve, Regulator, Creep Relief Valve, Ball Valve, Globe Valve, Check Valve, Baseframe & Support	Piping
General			
1	Standard	IGE/TD/13	
2	Surface Preparation	SA 2.5 finish as per ISO 8501 - 1 and profile up to 50 to 80 micron	SA 2.5 finish as per ISO 8501 - 1 and profile up to 50 to 80 micron. After galvanizing sweep blast and profile upto 10 to 15 micron
		Blasting Surface shall be free from loose mill scale, rust, dirt, oil grease, any foreign particles, etc...	Blasting Surface shall be free from loose mill scale, rust, dirt, oil grease, any foreign particles, etc...
3	Hot Dip Galvanizing	Not Applicable	Thickness (micron) as per ASTM A153 for all pipe, pipe fittings and fasteners.
			• Pipe – Min. 86 micron
			• Pipe Fittings – Min. 86 micron
			• Fasteners – Min 53 micron for more than 9.6 mm Dia.
			• Fasteners – Min 43 micron for under 9.6 mm
4	Color Coating	Primer : Epoxy Based Zinc Primer – 60 microns (min) thick	Finish Coat : Epoxy polyamide paint – 100 microns (min) thick/coat Two number of coat
		Intermediate Coat : Polyamide Epoxy – 80 microns (min) thick	
		Finish Coat : Acrylic polyurethane – 60 microns (min) thick	
		Total DFT : 200 microns (approx.)	Total DFT : 200 microns (approx.) – Excluding galvanizing DFT
5	Color Code	Pipe Lines	Golden Yellow (IS 356)
		Structural Support	Black Powder Coating
		Ball, Globe, Check valves	Oxford Blue (IS 105)
		SSV, PCV	Oxford Blue (IS 105)
		CRV, PSV	FIRE RED (IS 536)
		Filter	Silver or Smoke Grey (IS 628 or IS 692)
		Canopy	Golden Yellow (RAL 1023)
NOTE:			
1. Vendor shall prepare Internal report for surface preparation for all piping and shall be reviewed by TPI			
2. VENDOR shall prepare internal report for painting for all piping and shall be reviewed by TPI			