

**6.2.1 Carbon Steel Design temperature < 110 °C, Non insulated in the atmospheric zone****SIRIM TEST**

PTS 30.48.00.31 Coating System 1A	PTS 15.20.03 Coating System N1	No of Layer	Trade Name	Generic of Paint	DFT (μ)	Adhesion	3000 hr SS
option 1	option 1	1st coat	Cool Galv	Advanced insitu film galvanising	70	Passed	Passed
SA 2.5	N1-A ( without insulatio	2nd coat	Stabilis Max	High solid ceramic epoxy MIO	150		
	M1A	3rd coat	Stabilis U	Aliphatic non yellowing Polyureth	50		

Coating System 1B		No of Layer	Trade Name	Generic of Paint	DFT (μ)	Adhesion	3000 hr SS
Option 1	option 1	1st coat	Cool Galv	Advanced insitu film galvanising	70	Passed	Passed
Sa 2.5	N1-B ( without insulatio	2nd coat	Stabilis Max	High solid ceramic epoxy MIO	150		
	M1A	3rd coat	Stabilis U	Aliphatic non yellowing Polyureth	50		

Coating System 1A/B		No of Layer	Trade Name	Generic of Paint	DFT (μ)	Adhesion	3000 hr SS
( Option 2)	option 2	1st coat	Cool Galv	Advanced insitu film galvanising	70	Passed	Passed
Sa2.5	N1-A/B/C/D & M1 B/D	2nd coat	Cool Galv+	Advanced insitu film galvanising	70		

Coating System 1A/B		No of Layer	Trade Name	Generic of Paint	DFT (μ)	Adhesion	3000 hr SS
( Option 3)	option 3	1st coat	Cool Galv	Advanced insitu film galvanising	70	Passed	Passed
Sa2.5	N1-A/B/C/D	2nd coat	Stabilis U	Aliphatic non yellowing Polyureth	70		

Coating System 1C		No of Layer	Trade Name	Generic of Paint	DFT (μ)	Adhesion	3000 hr SS
( Option 1)	M1C	1st coat	Stabilis Max	High solid ceramic epoxy MIO	200	Passed	Passed
St 3		2nd coat	Stabilis U	Aliphatic non yellowing Polyureth	75		

Coating System 1C		No of Layer	Trade Name	Generic of Paint	DFT (μ)	Adhesion	3000 hr SS
( Option 2)	M1C	1st coat	Cool Galv	Advanced insitu film galvanising	70	Passed	Passed
St 3		2nd coat	Stabilis U	Aliphatic non yellowing Polyureth	70		

**6.2.2 Carbon Steel Design temperature < 110 °C, Insulated in the atmospheric zone**

Coating System 2A	Coating System N1-C	No of Layer	Trade Name	Generic of Paint	DFT (μ)	Adhesion	3000 hr SS
( Option 1)		1st coat	Cool Galv	Advanced insitu film galvanising	70	Passed	Passed
Sa2.5		2nd coat	Stabilis EP-Gard	Surface Tolerant High solid epoxy	150		

Coating System 2B	Coating System N1-D	No of Layer	Trade Name	Generic of Paint	DFT (μ)	Adhesion	3000 hr SS
( Option 1)		1st coat	Cool Galv	Advanced insitu film galvanising	70	Passed	Passed
Sa2.5		2nd coat	Stabilis EP-Gard	Surface Tolerant High solid epoxy	150		

Coating System 2C		No of Layer	Trade Name	Generic of Paint	DFT (μ)	Adhesion	3000 hr SS
( Option 1)		1st coat	Stabilis Max	High solid ceramic epoxy MIO	150	Passed	-
St3							

**6.2.3 Offshore Platform Decks ( including primary and secondary structures)**

Coating System 3B	Coating System N5	No of Layer	Trade Name	Generic of Paint	DFT (μ)	Adhesion	3000 hr SS
	N5 & N6	1st coat	Stabilis Max GF	High solid epoxy Glass Flake	400	Passed	Passed
		2nd coat	Stabilis Max GF	High solid epoxy Glass Flake	400		

**6.2.4 Splash Zone and Spray Zone**

Coating System 4B	Coating System N8	No of Layer	Trade Name	Generic of Paint	DFT (μ)	Adhesion	3000 hr SS
	N8-B	1st coat	Stabilis Max GF	High solid epoxy Glass Flake	500	Passed	Passed
		2nd coat	Stabilis Max GF	High solid epoxy Glass Flake	500		

**6.2.5 Carbon Steel Design temperature > 110 °C, (insulated & Non insulated) in the atmospheric zone****5A(1) Facilities with surface temperature 110 - 250 °C, Surface Preparation : Blast Clean to Sa2.5**

Coating System	Coating System N3	No of Layer	Trade Name	Generic of Paint	DFT (μ)	Adhesion	3000 hr SS
5A (1)	N3A & N3B	1st coat	Cool Galv HT	High Temp insitu film galvanising with zinc graphite	60	Passed	-
Sa2.5		2nd coat	Stabilis ACR HT	Modified Silicone Acrylic	30		
		3rd coat	Stabilis ACR HT	Modified Silicone Acrylic	30		

**5A(2) Facilities with surface temperature 250 - 450 °C, Surface Preparation : Blast Clean to Sa2.5**

Coating System	Coating System N4	No of Layer	Trade Name	Generic of Paint	DFT (μ)	Adhesion	3000 hr SS
5A (2) ( option 1)		1st coat	Stabilis HT	Silicone Aluminium	25	Passed	-
Sa2.5		2nd coat	Stabilis HT	Silicone Aluminium	25		

**5B(1) Facilities with surface temperature 110 - 250 °C, Surface Preparation : Power Tool Clean to St 3**

Coating System	Coating System N4	No of Layer	Trade Name	Generic of Paint	DFT (μ)	Adhesion	3000 hr SS
5B (1)		1st coat	Cool Galv HT	High Temp insitu film galvanising with zinc graphite	60	Passed	-
Option 1	M3A & M3B	2nd coat	Stabilis ACR HT	Modified Silicone Acrylic	30		
St3		3rd coat	Stabilis ACR HT	Modified Silicone Acrylic	30		

**Appendix : ANS Surface Technology Painting List for PTS 30.48.00.31 Sept 2012**

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**5B(2) Facilities with surface temperature 250 - 450 °C, Surface Preparation : Power Tool Clean to St 3**

Coating System	Coating System N4	No of Layer	Trade Name	Generic of Paint	DFT (μ)	Adhesion	3000 hr SS
5B (2)		1st coat	Cool Galv HT	High Temp insitu film galvanising with zinc graphite	60	Passed	-
Option 1	M4	2nd coat	Stabilis HT	Silicone Aluminium	40		
St3							

**6.2.6 Galvanised Steel**

Coating System 6A	Coating System N7	No of Layer	Trade Name	Generic of Paint	DFT (μ)	Adhesion	3000 hr SS
	N7A & N7B	1st coat	Stabilis Max	High solid ceramic epoxy MIO	125	Passed	-
		2nd coat	Stabilis U	Aliphatic non yellowing Polyureth	50		

Coating System 6A	Coating System N7	No of Layer	Trade Name	Generic of Paint	DFT (μ)	Adhesion	3000 hr SS
option 1	N7A & N7B	1st coat	Cool Galv	Advanced insitu film galvanising	70	Passed	-
		2nd coat	Stabilis U	Aliphatic non yellowing Polyureth	70		

**6.2.7 Stainless Steel**

**7A(1) Non insulated Facilities operating < 110 °C, Surface Preparation : Sweep Blast with dry, non iron containing grit or sanding**

Coating System	Coating System N7	No of Layer	Trade Name	Generic of Paint	DFT (μ)	Adhesion	3000 hr SS
7A (1)	N7A & N7B	1st coat	Stabilis Max	High solid ceramic epoxy MIO	125	Passed	-
		2nd coat	Stabilis U	Aliphatic non yellowing Polyureth	50		

**7A(2) Insulated Facilities operating < 110 °C, Surface Preparation : Sweep Blast with dry, non iron containing grit or sanding**

Coating System		No of Layer	Trade Name	Generic of Paint	DFT (μ)	Adhesion	3000 hr SS
7A (2)		1st coat	Stabilis Max	High solid ceramic epoxy MIO	125	Passed	-
		2nd coat	Stabilis U	Aliphatic non yellowing Polyureth	50		

**7A(3) Insulated and non insulated Facilities operating 110-600 °C, Sweep Blast with dry, non iron containing grit**

Coating System		No of Layer	Trade Name	Generic of Paint	DFT (μ)	Adhesion	3000 hr SS
7A (3)		1st coat	Stabilis HT	Silicone Aluminium	25	Passed	-
		2nd coat	Stabilis HT	Silicone Aluminium	25		

**6.2.10 Living Quarters Perssurized Building, Control room (interior)**

Coating System 11	Coating System N16	No of Layer	Trade Name	Generic of Paint	DFT (μ)	Adhesion	3000 hr SS
		1st coat	Stabilis Max	High solid ceramic epoxy MIO	150	Passed	-

**6.3.1 Fuel gas ( Sweet and sour)**

Coating System 13A		No of Layer	Trade Name	Generic of Paint	DFT (μ)	Adhesion	3000 hr SS
		1st coat	Stabilis EP-Gard	Surface Tolerant High solid epoxy	125	Passed	Passed
		2nd coat	Stabilis EP-Gard	Surface Tolerant High solid epoxy	125		

**6.3.2 Crude/ Condensate ( Sweet and sour), Emulsion/Slop**

**14A (1) Roof and Sheel plate**

Coating System	Coating System N10	No of Layer	Trade Name	Generic of Paint	DFT (μ)	Adhesion	3000 hr SS
14A (1)	N10A	1st coat	Stabilis EP-Gard	Surface Tolerant High solid epoxy	125	Passed	Passed
		2nd coat	Stabilis EP-Gard	Surface Tolerant High solid epoxy	125		

14A (2) Bottom plate and vessels

Coating System	No of Layer	Trade Name	Generic of Paint	DFT (μ)	Adhesion	3000 hr SS
14A (2)	1st coat	Stabilis EP-Gard	Surface Tolerant High solid epoxy	125	Passed	Passed
Option 1	2nd coat	Stabilis EP-Gard	Surface Tolerant High solid epoxy	125		

6.3.3 Light/heavy/treated Naphtha, reformat, Jet A-1 Fuel, Lube Oil, Fuel oil, gasoline( leaded and unleaded)

14A (3) Alternative Bottom plate and vessels

Coating System	No of Layer	Trade Name	Generic of Paint	DFT (μ)	Adhesion	3000 hr SS
14A (3)	1st coat	Stabilis EP-Gard	Surface Tolerant High solid epoxy	125	Passed	Passed
Option 1	2nd coat	Stabilis EP-Gard	Surface Tolerant High solid epoxy	125		

6.3.4 Diesel

16A (1) Roof and Sheel plate

Coating System	No of Layer	Trade Name	Generic of Paint	DFT (μ)	Adhesion	3000 hr SS
16A	1st coat	Stabilis EP-Gard	Surface Tolerant High solid epoxy	125	Passed	Passed
	2nd coat	Stabilis EP-Gard	Surface Tolerant High solid epoxy	125		

16A (2) Bottom plate and vessels

Coating System	No of Layer	Trade Name	Generic of Paint	DFT (μ)	Adhesion	3000 hr SS
16B	1st coat	Stabilis EP-Gard	Surface Tolerant High solid epoxy	125	Passed	Passed
Option 1	2nd coat	Stabilis EP-Gard	Surface Tolerant High solid epoxy	125		

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6.3.5 Potable(drinking/aerated/non-aerated) water, seawater(aerated/nonaerated), Produced water, Blackish, demineralised water, brine

Coating System	No of Layer	Trade Name	Generic of Paint	DFT (μ)	Adhesion	3000 hr SS
17A	1st coat	Stabilis EP-Gard	Surface Tolerant High solid epoxy	125	Passed	Passed
	2nd coat	Stabilis EP-Gard	Surface Tolerant High solid epoxy	125		

6.3.6 Steam (condensate) , Boiler Feed , Service temperature : upto 100 ° C

Coating System	No of Layer	Trade Name	Generic of Paint	DFT (μ)	Adhesion	3000 hr SS
18A	1st coat	Stabilis EP-Gard	Solventless Phenolic epoxy	150	Passed	-
	2nd coat	Stabilis EP-Gard	Solventless Phenolic epoxy	150		

6.3.7 Utility Air

Service Temperature : Upto 60 ° C

Coating System	No of Layer	Trade Name	Generic of Paint	DFT (μ)	Adhesion	3000 hr SS
19A	1st coat	Stabilis EP-Gard	Surface Tolerant High solid epoxy	125	Passed	Passed
	2nd coat	Stabilis EP-Gard	Surface Tolerant High solid epoxy	125		

Service Temperature : More than 60 ° C

Coating System	No of Layer	Trade Name	Generic of Paint	DFT (μ)	Adhesion	3000 hr SS
19C	1st coat	Stabilis EP-Gard	Solventless Phenolic epoxy	125	Passed	-
	2nd coat	Stabilis EP-Gard	Solventless Phenolic epoxy	125		

6.3.9 Methanol and Percroethalyne

Coating System	No of Layer	Trade Name	Generic of Paint	DFT (μ)	Adhesion	3000 hr SS
21A	1st coat	Stabilis EP-Gard	Solventless Phenolic epoxy	150	Passed	-
	2nd coat	Stabilis EP-Gard	Solventless Phenolic epoxy	150		

6.3.10 Triethylene Glycol / Methylene Glycol

Coating System	No of Layer	Trade Name	Generic of Paint	DFT (μ)	Adhesion	3000 hr SS
22A	1st coat	Stabilis EP-Gard	Surface Tolerant High solid epoxy	125	Passed	Passed
	2nd coat	Stabilis EP-Gard	Surface Tolerant High solid epoxy	125		

Coating System	No of Layer	Trade Name	Generic of Paint	DFT (μ)	Adhesion	3000 hr SS
22B	1st coat	Stabilis EP-Gard	Solventless Phenolic epoxy	125	Passed	-
	2nd coat	Stabilis EP-Gard	Solventless Phenolic epoxy	125		