

# Annexure-17

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## PAINTING SCHEME

**PROJECT:** 1X370 MW YELAHANKA COMBINED CYCLE  
POWER PLANT

## **PAINTING SCHEME:**

Table-1

a)	Applicable temperature range	(-) 14 Deg. C to 80 Deg. C
b)	Surface Preparation	Blast cleaning to SA 2 1/2 or SSPC-SP-10 or NACE #2 i.e. blast cleaning to near white metal cleanliness, until at least 95% of each element of surface area is free of all visible residues.
c)	Primer	1 coat of In-organic Zinc silicate primer @ 65-75 micron DFT/coat
d)		2 Coats of Epoxy High Build paint @ 100 micron DFT/coat
e)	Finish Paint	2 coats of Acrylic poly urethane paint @ 40 micron DFT/coat
d)	Total DFT	355 $\mu$
e)	Color shade	Instrument air & N2 line: Sky blue. Fuel gas line : Cannery yellow Base frame & platform : Black Pipe support & ladder – black Flare line : Canary Yellow Condensate line : Canary Yellow

Table-2

f)	Applicable temperature range	(-) 81 Deg. C to 250 Deg. C
g)	Surface Preparation	Blast cleaning to SA 2 1/2 or SSPC-SP-10 or NACE #2 i.e. blast cleaning to near white metal cleanliness, until at least 95% of each element of surface area is free of all visible residues.
h)	Primer	1 coat of In-organic Zinc silicate primer @ 65-75 micron DFT/coat
i)	Finish Paint	3 coats of Heat Resistant synthetic medium based aluminum paint
j)	Total DFT	125 $\mu$
k)	Colour shade	As per the finish paint