



**PAINTING SPECIFICATIONS  
COATING SYSTEMS**

The Painting Specifications referenced in the MPMS documents are generic specifications that can be used to identify the coating systems and surface preparations recommended for the various environments and conditions in the TECO –Polk Power Station facility.

The specification that is referenced in the documents below is based on the recommendation system for the majority of the surfaces in the specific section. If there are substrates that are different than the majority, then the system may be different, e.g. surfaces at higher temperatures would receive the appropriate coating for the temperature, while the majority of the substrates that are ambient or less than 250F would receive the identified system.

<u>System Operation</u>	<u>Description</u>
1A	Surface Preparation Prime Coat Finish Coat
	Hydrowash, 3500 PSI, hand or power tool clean to SSPC SP-2 and SP-3 Epoxy Primer at 3-5 mils DFT Epoxy Finish at 4-6 mils DFT
1B	Surface Preparation Prime Coat Finish Coat
	Abrasive Blast to SSPC SP-6 Epoxy Primer at 3-5 mils DFT Epoxy Finish at 4-6 mils DFT
1C	Surface Preparation Prime Coat Finish Coat
	Spot abrasive blast to SSPC SP-6 (25%), and full abrasive blast to SSPC SP-7 Epoxy Primer at 3-5 mils DFT Epoxy Finish at 4-6 mils DFT
2A	Surface Preparation Prime Coat Intermediate Coat Finish Coat
	Hydrowash, 3500 PSI, hand or power tool clean to SSPC SP-2 and SP-3 Epoxy Primer at 3-5mils DFT Epoxy Intermediate at 3-5 mils DFT Hi-Solids Polyurethane at 3-4 mils DFT
2B	Surface Preparation Prime Coat Intermediate Coat Finish Coat
	Abrasive Blast to SSPC SP-6 Epoxy Primer at 3-5 mils DFT Epoxy Intermediate at 3-5 mils DFT Hi-Solids Polyurethane at 3-4 mils DFT
2C	Surface Preparation Prime Coat Intermediate Coat Finish Coat
	Spot abrasive blast to SSPC SP-6 (50%), and full abrasive blast to SSPC SP-7 Epoxy Primer at 3-5 mils DFT Epoxy Intermediate at 3-5 mils DFT Hi-Solids Polyurethane at 3-4 mils DFT
6D	Surface Preparation Prime Coat Finish Coat
	Abrasive Blast to SSPC-SP-10 Hi Heat Hi Heat



**Notes:**

1. Finish colors per current color scheme.
2. Spot or full prime as required.
3. Solvent clean, SSPC-SP-1, as required to remove grease, oil, etc.
4. Wash between coatings applications as required to avoid intercoat contamination.