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Service Reference

Topic: Cleaning Paint from PMx Anodes

Please read carefully before performing work or unpacking any further

Required Materials

Clean cotton gloves, other(s) as required

Required Tools

Pressure washer

Precious metal (PMx) Electrodes, especially in TECTRON Bare Electrode applications can accumulate paint solids and other contaminants. These compounds can decrease the electrical efficiency of the Electrode, which results in higher voltages and wasted energy & extra demand on the chiller.

For caustic immersion cleaning, do not exceed a 2% caustic solution and keep the temperature below 70 deg. C (158 deg. F).

Solvents (such as acetone) can also be used, but they can leave organic compounds on the surface of the Electrode that result in higher required voltages. Rinse off the Electrodes with a high pressure DI water rinse (stay back as before) after use of solvents. Please contact UFS with the name of the solvent, so it can be approved prior to use.

Do not use wire brushes to scrub. Use nothing firmer than a nylon bristle to gently clean the surface of the Electrode.

Remove any rings and always use clean cotton gloves while handling and cleaning the Electrodes.

Do not burn off the contaminants by placing the Electrodes in an oven. The surface temperature of the PMx Electrode should never exceed 131 deg. C (267 deg. F)

For more information see the original manual that came with the equipment or else call UFS at the phone number shown above.