

Anode Cell Removal and Maintenance Guide

To remove the cell for maintenance, inspection, replacement or long term storage; please do the following:

1. Make sure that all power from the rectifier is turned off and locked out. Never work on an energized system.
2. Shut off & disconnect the anolyte supply tubing from the secondary flow indicator.
3. Unplug the quick disconnect power lead and disconnect the short cable from the anode.
4. Remove the anode from the cell.
5. Remove the anolyte return tubing from the nozzle on the cells neck.
6. Loosen and remove the cell clamps from the strut channel, while holding the shell from falling into the tank. Use care as to not drop any hardware into the tank.
7. Carefully lift the shell out of the tank. When about 1/3 to 1/2 of the shell is out of the tank, start rotating the shell to allow the anolyte solution to drain into the paint bath. This practice is permissible and allows the weight of the shell to be lowered for ease of handling.
8. Once the shell is out of the tank, immediately rinse off the shell with DI water to remove any paint. Resins and solids may be removed with solubilizer and or diluted solvents.
9. Do not allow membrane to dry out. If it is necessary to store the shell for an extended period of time, place unit in a plastic bag and seal it from the environment. A small amount of biocide placed in the bag will aid in unwanted growth. Store unit vertically when possible.

Cell Replacement

1. Carefully insert anode assembly into the shell, be sure the anode is fully sealed.
2. Work backwards through steps 1-6, but insure all power is off.