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Installation Reference

Topic: DurAnode™ Electrodes

Before handling DurAnodes, please read all the instructions listed below carefully to familiarize yourself with the project before unpacking any further or before attempting to perform any of the work.

Required Materials

- None

Required Tools

- None

The DurAnode has excellent characteristics as an anode in an ED paint finishing system. However, the DurAnode is very brittle because it is made of ceramic. Also, the DurAnode is available only in short 900 mm (35.4") lengths and then later made into the required lengths. Therefore, the DurAnode Electrode may not be continuous throughout its length and special care is required with handling and installation into the ED tank.

1. Be careful not to hit or cause the DurAnode to strike an object such as a door opening, etc.
2. Handle without gloves as the surface of the DurAnode is very smooth and gloves may not allow a proper grip.
3. Do not hold the DurAnode with only one hand. Generally the anolyte supply line and cable lead-pigtail are already attached. The proper procedure to remove the DurAnode from its shipping case is to hold with at least two hands, equal distance from the ends and then a third hand near the center of the DurAnode.
4. If the DurAnode is to be installed in a horizontal orientation, do not fasten too tightly. When the ED tank is filled with water and paint there is usually some deformation of the ED tank floor and walls. If the DurAnode is not allowed to slightly move, and thus lessen the stress caused by the warping of the ED tank, the DurAnode may crack.
5. The DurAnode may be slightly bent. This is normal and will not adversely affect its operation.

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