

Installation Reference - Membrane Electrode

Topic: Roof Membrane Electrode (ME) Cells - Disassembly / Reassembly

Please read all the instructions listed below carefully to familiarize yourself with the project before attempting to perform any of the work.

Required Materials

- None

Required Tools

- Wrenches (15/16" and 1/2")
- Torque Wrench

Steve provide description.

Instructions

Make sure all power is turned off to the ME Cells.

Disassembly

1. Remove one leg at a time by loosening the four 5/8" bolts. After the first leg has been removed, the bulkhead tab will still be connected to the electrode. To free the electrode, it will have to be disconnected.
2. Pull out the electrode and inspect both the electrode and the ME Shell.

Reassembly

3. Place the new electrode into the ME Shell. Make sure the word "UP" is pointed up (See figure 1). This will keep the seam of the electrode and ME Shell pointed up.
4. Starting with the bulkhead end, replace one leg at a time. Connect the bulkhead to the end of the electrode with two holes. Insert the electrode into the ME Shell as far as you can. (see figure 2) Make sure the gasket is in the middle of the flanges. Tighten the four 5/8" bolts. (Tighten to 25 ft. pounds.)
5. For the other end, make sure that the gasket is in the middle of the two flanges, then tighten the bolts.

For more information see the original manual that came with the equipment or call UFSc (219) 464-2027 ext. 24.

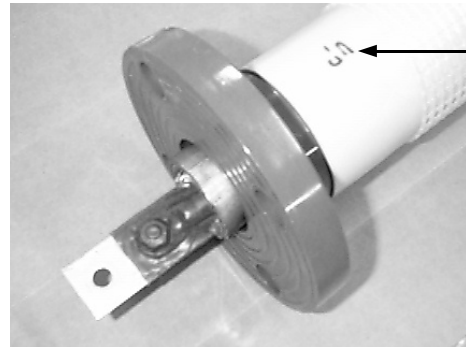


Figure 1

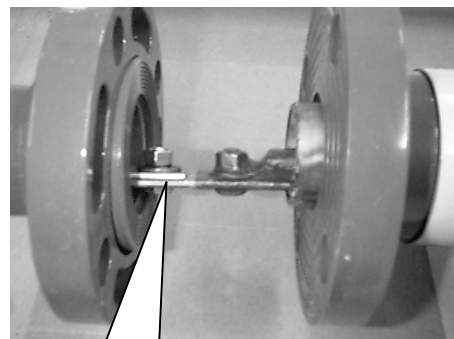


Figure 2

Bulkhead Tab

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(P/N 993155)

Think and act in a safe manner. Always disconnect power and use a lockout before you work on the E-coat system, or any of the related subsystems. Observe any confined space conditions. Use the appropriate safety equipment and clothing for the task.

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