

Roof & Floor Membrane Electrode Cell Installation Checklist

<input type="checkbox"/> *	<input type="checkbox"/> ?	<input type="checkbox"/> ✓		Description	Location
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1	Does Membrane Shell slope up at 1-2% so oxygen can leave the Cell?	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2	Is centerline of overflow nozzle 80 mm (3.2") above the rim of the ED tank? -or- _____ above the rim of the ED tank?	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	3	Is compression washer flat?	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	4	Is Electrode properly seated?	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	5	Is cable lead connected to bus bar?	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	6	Are the clamps over tightened? Are clamps square to strut channel?	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	7	Is Cell Splash Guard or other drip shield installed properly?	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	8	Is Cell electrolyte supply tubing trimmed & connected to supply manifold with a square cut end? -or- Is Cell supply tubing connected to another Low Profile Cell and both ends are cut off square?	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	9	Is Cell electrolyte return tubing cut square and pushed onto overflow nozzle?	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	10	Is Cell electrolyte return tubing cut at 45 degree angle and stuck only 25 mm (~1") into the opening Electrolyte Return Manifold? -or- Is Cell return tubing cut off square and pushed onto a hose barb fitting, which is part of the Return Manifold?	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	11	Are there any obstructions closer than 75 mm (~3") to the Membrane Shell, below the liquid level? Or is Cell < 600 mm and within 100 mm of the centerline of eductor?	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	12	Does any part of the Cell touch the wall or other structures?	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	13	Is there a proper cable lead to each Cell?	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	14	If multi-zone are diodes on lower voltage zone cells?	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	15	Are Cells positioned per layout drawing?	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	16	Are the strut supports joined properly? (Weld or Butt splices)	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	17	Is the vertical supports plumb?	

				Measure with bubble level every 5' .	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	18	Roof Cell Only: Is the minimum vertical height of the ED paint at least 30 mm above the Collar?	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	19	Roof Cell Only: Is the minimum vertical height of the Collar at least 150 mm above the top most portion of the car body?	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	18	Floor Cell Only: Is the minimum vertical height of the auto body/carrier at least 75 mm higher?	

- * Needs immediate attention
- ? Some irregularity, probably OK
- Checked out fine, answer could be either yes or no

Customer/Location: _____
 UFS Technician: _____
 Date: _____