

## UFS Corporation

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# Service Reference

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## Topic: PM Checklist - TECTRON Electrode, TECTRON 724, 725, & 726 series

*Please read carefully before performing work or unpacking any further*

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### Required Materials

- Copy this form for each year

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### Required Tools

- Flashlight
- Volt-ohm meter

Use this form to record the weekly and semiannual PM checks for the TECTRON Electrode System. Report any deficiencies immediately to your supervisor for attention and repair.

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

**TECTRON Bare Electrode - PM Checklist**

Year \_\_\_\_\_

1. Inspect Cable Leads, electrical connectors, and Clamps for tightness & cleanliness. Report any exceptions by Electrode position number and side. Circle the Week Numbers (1-52) below to confirm this work was done.

1	2	3	4	5	6	7	8	9	10	11	12	13
14	15	16	17	18	19	20	21	22	23	24	25	26
27	28	29	30	31	32	33	34	35	36	37	38	39
40	41	42	43	44	45	46	47	48	49	50	51	52

2. (726 series only) Twist the Electrode 1/3 of a turn in the clockwise direction. Use the check box below.

30 June  30 December

3. Check the Electrical resistance of the connections. Report any, by position number & side, that are greater than 0.2  $\Omega$ . Use the check box below.

30 June  30 December

4. Service the DC Rectifier as required by the manufacturer. Use the check box below.

30 June  30 December

5. Inspect the grounding shoes on the conveyor/hoist and report any that have a resistance of greater than 0.2  $\Omega$ . Use the check box below.

30 June  30 December

6. Clean off all ware racks/hooks and check the electrical resistance. Re-clean any ware racks/hooks with a resistance of more than 0.2  $\Omega$ . Use the check box below.

30 June  30 December

7. Conduct the weighing of the previously selected Electrodes (or visual inspection of the ruthenium oxide or conductive ceramic DurAnode, since mass loss is not a good indicator or pending failure). Use the check box below.

30 June  30 December

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