

Pre-mapping Checklist

(Put service stands down.)



Key: Checked/Completed √ Needs Attention X
 Adjusted A Not Applicable na

pH module 7 point checklist:

- 1. Inspect all parallel linkages for loose or missing bolts. Is electrode holder freely moving full range?
- 2. Raise and lower sampling shoe: is scraper making firm contact with cutting shoe? Is prox light turning on when it's near metal and off otherwise?
- 3. Is sampler shoe speed about 1.5 to 2 seconds? Is the electrode gap ~1/2 inch were prox sensor will shut off hydraulics?
- 4. Are wash jets operating and aligned?
- 5. Check wear on the cutting shoe—time to rotate or replace?
- 6. Clean out dry soil from trough and cutting shoe—use cleaning rod if needed.
- 7. Test electrodes in 4 and 7 solution—lightly buff as needed

OM module 5 point checklist:

- 1. Rotate all moving parts: row cleaners, coulter, disks, wheels
- 2. Check depth gauge tire to disk contact—should contact slightly
- 3. Check window—get under; is it intact, no foreign material above (LED's need to be illuminated)
- 4. Check wearplate. If worn enough to expose window it may be time to replace
- 5. Test with black-white ref block

EC module 3 point checklist:

- 1. Are blades turning freely; no side play
- 2. Clean excess soil from toolbar
- 3. Use ohm meter and test box to test continuity and isolation

Test drive unit before heading out—this integrates functions: GPS, electrical and hydraulics, communication

Operator: _____

Date: _____