



# U.S. Battery Testing & Warranty Form

## GENERAL INFORMATION

Work Order / Customer: \_\_\_\_\_

Technician Name: \_\_\_\_\_ Technician Phone #: \_\_\_\_\_

Technician eMail Address: \_\_\_\_\_

Is this claim for a TASKI or NSS product? ☐ TASKI ☐ NSS

Date of Test: \_\_\_\_\_

Battery Type: ☐ WET ☐ AGM ☐ GEL ☐ LI-ION

Battery Voltage: ☐ 6V ☐ 12V ☐ 25V ☐ 36V

Battery Date Code: \_\_\_\_\_

Trojan Batteries ONLY – Date Code Neg. Terminals: \_\_\_\_\_

Machine Serial #: \_\_\_\_\_

Machine Model & Series #: \_\_\_\_\_

## AGM & GEL BATTERIES

For TASKI machines, you need to have the TASKI service tool and the ability to connect to the machine to gather Depth of Discharge (DoD) information. Skip this section if you are completing a claim for WET or Li-Ion batteries.

What is the Depth of Discharge (DoD) setting? \_\_\_\_\_

Test and add the overall voltage at main Anderson connector. \_\_\_\_\_

List any bulging or physical defects below.

|  |
|--|
|  |
|--|

Test and record each individual battery's voltage Enter the results below.

1. \_\_\_\_\_ 2. \_\_\_\_\_ 3. \_\_\_\_\_  
4. \_\_\_\_\_ 5. \_\_\_\_\_ 6. \_\_\_\_\_

Field Load Test: Ensure the batteries have been fully charged. Conduct a field load test to verify load capacity. Probe at the main battery connection. Enter the results below.

|                                            |                                            |                                            |
|--------------------------------------------|--------------------------------------------|--------------------------------------------|
| 1. Initial voltage                         | 2. Turn on machine & record voltage        | 3. Turn on all functions & record voltage  |
|                                            |                                            |                                            |
| 4. Operate for 15 minutes & record voltage | 5. Operate for 30 minutes & record voltage | 6. Operate for 45 minutes & record voltage |
|                                            |                                            |                                            |



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## WET BATTERIES

For TASKI machines, you need to have the TASKI service tool and the ability to connect to the machine to gather Depth of Discharge (DoD) information. Skip this section if you are completing a claim for AGM/GEL or Li-Ion batteries.

What is the Depth of Discharge (DoD) setting? \_\_\_\_\_

Test and add the overall voltage at main Anderson connector. \_\_\_\_\_

List any bulging or physical defects below. Also include whether the water level is or is not adequately covering the plates.

|  |
|--|
|  |
|--|

Test and record Specific Gravity (SG) of each cell of all batteries. Enter the results below.

Note: This is required for warranty.

### Battery #1 Cells

1. \_\_\_\_\_ 2. \_\_\_\_\_ 3. \_\_\_\_\_  
4. \_\_\_\_\_ 5. \_\_\_\_\_ 6. \_\_\_\_\_

### Battery #2 Cells

1. \_\_\_\_\_ 2. \_\_\_\_\_ 3. \_\_\_\_\_  
4. \_\_\_\_\_ 5. \_\_\_\_\_ 6. \_\_\_\_\_

### Battery #3 Cells

1. \_\_\_\_\_ 2. \_\_\_\_\_ 3. \_\_\_\_\_  
4. \_\_\_\_\_ 5. \_\_\_\_\_ 6. \_\_\_\_\_

### Battery #4 Cells

1. \_\_\_\_\_ 2. \_\_\_\_\_ 3. \_\_\_\_\_  
4. \_\_\_\_\_ 5. \_\_\_\_\_ 6. \_\_\_\_\_

Field Load Test: Ensure the batteries have been fully charged. Conduct a field load test to verify load capacity. Probe at the main battery connection. Enter the results below.

|                                            |                                            |                                            |
|--------------------------------------------|--------------------------------------------|--------------------------------------------|
| 1. Initial voltage                         | 2. Turn on machine & record voltage        | 3. Turn on all functions & record voltage  |
|                                            |                                            |                                            |
| 4. Operate for 15 minutes & record voltage | 5. Operate for 30 minutes & record voltage | 6. Operate for 45 minutes & record voltage |
|                                            |                                            |                                            |

## LI-ION BATTERIES

For TASKI machines, you need to have the TASKI service tool and the ability to connect to the machine to gather Depth of Discharge (DoD) information. Skip this section if you are completing a claim for AGM/GEL or WET batteries.

What is the Depth of Discharge (DoD) setting? \_\_\_\_\_

Test and add the overall voltage at main battery connection. \_\_\_\_\_

Document the charger DIPS switch settings (DIPS 1-4) \_\_\_\_\_