

BATTERY MAINTENANCE AND CLEANING (SCOPE OF WORK)

- ✓ Battery cell voltages and electrolyte specific gravities are measured and recorded.
- ✓ Battery cells are watered to appropriate levels.
- ✓ Inspect connector contacts for wear and pitting, connector housings are inspected for cracks and spring tension. All connecting devices are checked for safety and signs of deterioration.
- ✓ Inspect all cables for damaged insulation, chips, breaks and flexibility.
- ✓ Cables are inspected for proper tightness and wear from excessive stretching from improper use.
- ✓ Inspect cell jars, jar seals and covers for cracks, swelling and other signs of wear due to excess heat.
- ✓ Inspect watering system where applicable.
- ✓ Remove hard corrosion from battery.
- ✓ Apply neutralizing agent and degreaser to the battery and wipe down.
- ✓ Apply battery sealer to the perimeter of the battery to reduce any future corrosion from appearing.
- ✓ Provide written recommendations where further maintenance is required.

BATTERY CHARGER MAINTENANCE AND CLEANING (SCOPE OF WORK)

- ✓ Battery charger DC start rate, 80% rate and finish rates are measured and recorded.
- ✓ Transformer output rates are verified.
- ✓ Ammeter calibration is verified.
- ✓ Check operation of power shutdown buttons and all indicator lights and gauges.
- ✓ Inspect connector contacts for wear and pitting, connector housings are inspected for cracks and spring tension. All connecting devices are checked for safety and signs of deterioration.
- ✓ Inspect all cables for damaged insulation, chips, breaks and flexibility.
- ✓ Cables are inspected for frayed copper conductor strands, proper tightness and wear from excessive stretching from improper use.
- ✓ Blow out charger cabinet and ensure all cooling fans are operational and free of obstructions.
- ✓ Visual inspection of fuses and diodes for discoloration and function.
- ✓ Inspect all internal connections for safety tightness and signs of excess heat.
- ✓ Provide written recommendations where further maintenance is required.



CHECK VOLTAGES



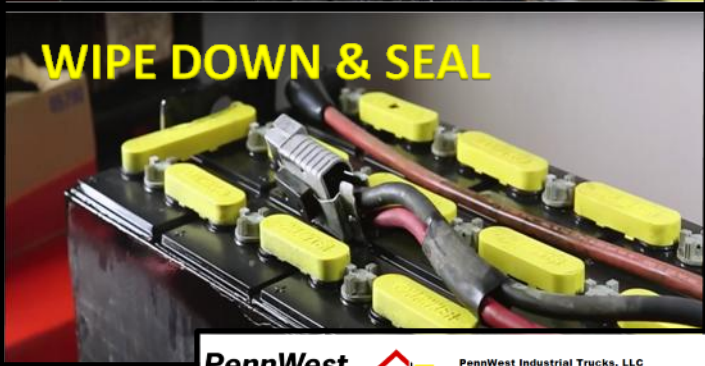
REMOVE CORROSION



CHECK SPEC. GRAVITY



NEUTRALIZE & CLEAN



WIPE DOWN & SEAL



COMPLETE BATTERY & CHARGER SERVICE

FULLY STOCKED SERVICE VANS

- COMPLETE PM SERVICE
- BATTERY TESTING
- BATTERY CLEANING
- NEUTRALIZE AND SEALING
- CHARGER TESTING
- CHARGER CLEANING
- INSPECTION REPORTS
- BATTERY REPAIRS
- CELL REPLACEMENT
- BATTERY REGENERATION
- REPLACEMENT BATTERIES
- RECONDITIONED BATTERIES
- RECONDITIONED CHARGERS

PennWest Toyota Lift
 Phone: 800-221-5438 Fax: 724-696-2370

CHARGER MANUFACTURER _____
 MODEL _____
 SERIAL NUMBER _____

CHECK APPLICABLE BOX

CABINET CONDITION
 COVER SECURE
 BATTERY CABLES
 INSULATION
 CONDUCTOR
 CABLE FLEXIBILITY

CONTROLS
 AMP METER DISPLAY
 TIMER
 BUTTONS
 INDICATOR LIGHTS
 EQUALIZE BUTTON

FUSES
 WIRING CONNECTIONS
 DC OUTPUT VOLTS
 DC OUTPUT AMPS
 CHARGER MATCH TO BATTERIES

BLOW OUT CHARGER
 CLEAN DISPLAY PANEL

COMMENTS _____

SERVICE TECHNICIAN _____
 DATE _____

PennWest Industrial Trucks, LLC
 Material Handling Specialists
 168 Westec Drive
 Mount Pleasant, PA 15666

Phone: 800-221-5438 Fax: 724-696-2370

BATTERY MANUFACTURER _____
 BATTERY MODEL _____
 SERIAL NUMBER _____

WORKORDER

CELL NO.	CELL VOLTAGE	SPECIFIC GRAVITY
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		
15		
16		
17		
18		
19		
20		
21		
22		
23		
24		

CHECK APPLICABLE BOX

INTER-CELL COVERS
 INTER-CELL CONNECTORS
 CORROSION
 TIGHTNESS
 VENT CAPS
 VENT CAP SEALS

BATTERY TERMINALS
 CORROSION
 TIGHTNESS

CELL CRACKS OR LEAKS
 BATTERY CABLES
 INSULATION
 CONDUCTOR
 CABLE FLEXIBILITY

BATTERY CONNECTORS & TIPS
 CRACKED OR BROKEN CONNECTORS
 COLOR MATCH WITH CHARGER
 CONNECTOR TIPS CONDITION
 TIP TENSION

ELECTROLYTE LEVEL (RECORD SPECIFIC GRAVITY)
 CELL VOLTAGE (RECORD CELL VOLTAGE)

CLEAN/NEUTRALIZE TOP OF BATTERY
 DRY/WIPE REMOVE CORROSION
 SEAL COAT TOP OF BATTERY

BATTERY WATERING SYSTEM YES NO
 ENSURE BATTERY SAFETY SUPPLIES PRESENT
 EX: PERSONAL PROTECTION EQUIPMENT

COMMENTS _____

SERVICE TECHNICIAN _____ ACCEPTED BY _____
 DATE _____ DATE _____

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