



Lockout Procedure - AR Industries Cabinet Washer

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A. General

This procedure establishes the minimum requirements for the lockout of energy isolating devices whenever servicing or maintenance is done on the AR Industries Cabinet Washer.

It shall be used for the following reasons:

- (1) To ensure that the cabinet washer is stopped and isolated from the power source that enables it to operate.
- (2) To assure a safe condition before employees perform servicing or maintenance on this equipment.

B. Compliance with This Program

All employees are required to comply with the restrictions and limitations imposed during the use of lockout and shall not attempt to remove locks/lockout devices or turn on breakers. Authorized employees will follow these procedures to ensure safe lockout of equipment.

Authorized employees:

- Tara Pike
- Yahsin Armstrong
- Nicholas Nordstrom
- Facilities Maintenance - responsibility for this equipment.

C. Procedural Sequence – Authorized Employee

- (1) Notify the following that the cabinet washer requires servicing/maintenance and will be shut down and locked out.
 - Tara Pike
 - Matt Whinery
 - Nicholas Nordstrom
 - Those working the Rebel Recycling yard
- (2) Identify the location, type and magnitude of the power source; understand the hazards associated with its use and the methods to control it.



Power Source: Electrical (three phase motor, 230/460 voltage)

- (3) Locate the heater switch on the control panel and turn to the left (off) position.
- (4) If the timer is active, press the red (stop) button on the control panel.
- (5) If lockout is required while the tank is being filled, turn the valve on the water supply line to the closed position.
- (6) Place lock and lockout device (if needed) on the disconnect located on the north side of the wash shed.
- (7) Return to the control panel on the cabinet washer, turn the timer switch to the right and press the green "on" button. If the cabinet washer does not turn on, power is effectively locked out and servicing/maintenance can safely proceed.

D. Restoring Equipment to Service – Authorized Employee

After completing the necessary servicing/maintenance and the cabinet washer is to be returned to the normal operational condition, the authorized employee who originally applied the lock and lockout device will:

- (1) Check the area in/around the cabinet washer to ensure that nonessential items have been removed and that the cabinet washer is operationally intact.
- (2) Check that all employees have been safely positioned or removed from the area.
- (3) Remove lock and lockout device (if used) from the disconnect located on the north side of the wash shed.
- (4) If additional water is needed, turn the valve on the water supply line to the open position.
- (5) Turn the timer switch to the right for the desired amount of time and press the green button on the control panel. The cabinet washer should turn on.
- (6) Listen and observe that the cabinet washer is operating properly.
- (7) If there are no issues detected during the startup phase, the cabinet washer is now considered operational and ready for use.
- (8) Notify the individuals listed in section C1 that the service/maintenance has been completed and the equipment is in an operational condition.

Reviewed by RRC & RMS