



Materials Recovery Facility
Safety Observation Form

Date: Monday, June 27, 2016

Name of Observer: Shawn Qualls

Issues: See below.

Photos:



Baler: Door should be secured with something more substantial than a bent clothes hanger. Also should be secured on both sides, not just one.

Attachment A
Hot Work Permit

CAN THIS JOB BE DONE WITHOUT HOT WORK? IF NOT, ENSURE PRECAUTIONS ARE IN PLACE!
MAKE SURE SPRINKLERS ARE IN SERVICE AND FIRE EXTINGUISHERS ARE READILY AVAILABLE!

This Hot Work Permit is required for any operation involving open flames or producing heat and/or sparks.
This includes, but is not limited to, Brazing, Cutting, Grinding, Soldering, Thawing Pipe, Torch-Applied Roofing, and Welding.

Note: The Required Precautions are not optional. They are required for fire-safe hot work. Please explain all "No" responses below.

Instructions

- The Permit-Authorizing Individual must:
- a) Verify precautions listed at right (or do not proceed with the work)
 - b) Complete and retain this page
 - c) Give the second page to the person doing the work.

Who, When, and Where?

Hot Work Being Done By
 Employee
 Contractor MBE

Date 6/22/16

Location/Building and Floor
Baler

Nature of Job/Object
Welding Cutting Grinding

Name of Person(s) Doing Hot Work
Jake and Brandon

I verify the above location has been examined, the precautions checked on the Required Precautions Checklist have been taken to prevent fire, and permission is authorized for work.

Signature of Permit-Authorizing Individual
(Facility Mgr. or Maintenance Mgr.)

Permit Expiration

Expiration Date	Expiration Time	<input checked="" type="checkbox"/> AM <input type="checkbox"/> PM
<u>6/23</u>	<u>12</u>	

THIS PERMIT IS GOOD FOR 24 HOURS ONLY!

Name of Assigned Fire Watch
Jake Epwin

Job Close Out:
I have monitored the area for the required intervals and verify that work is complete and there are no signs of smoke, fire, or sparks.

Firewatch Signature _____ Date/Time _____

Required Precautions Checklist

- Available Sprinklers in Normal Automatic mode and valve open.
- Hot Work equipment in good repair.

Assess 35 ft radial "sphere" of work for potential fire hazards:

- Floors, work level and below, cleaned or protected.
- All other combustibles removed or shielded from sparks.
 - Clean horizontal surfaces (e.g. building structures, equipment, ducts, cable trays, etc.) above and below where possible.
 - Remove flammable liquids, dust, lint, combustible waste, oil deposits, etc., where possible.
 - If removal/cleaning is impractical, protect with fire-retardant covers, or shield with fire-retardant guards and/or curtains.
- Transmission or conveying of sparks to adjacent areas eliminated or protected.
 - Tightly cover wall/floor openings with fire-retardant material.
 - Where openings cannot be sealed, suspend fire-retardant tarpaulins to help protect areas beneath.
 - Isolate or shut down fans and conveyors to prevent the capturing and conveying sparks to other areas.
- Explosive atmosphere eliminated or potential not present.

Work on walls, ceilings or enclosed equipment:

- Construction materials verified as noncombustible and without combustible covering or insulation.
- Combustibles on other side of walls relocated or protected.
- Enclosed equipment cleaned and protected from all combustibles.
- Containers purged of flammable liquids/vapors.

Fire watch/hot work area monitoring requirements:

- Continuous fire watch provided during and for at least 1 hour after hot work, including all breaks.
- Fire watch supplied with suitable extinguishers/hoses.
- Fire watch trained in the use of fire equipment and sounding alarm.
- Area to be periodically monitored once each hour for a minimum 3 hours after job is completed, or longer if required.

Other precautions that may be required:

- Fire watch provided for adjoining areas, above, or below.
- Confined Space or Lock-Out-Tag-Out required/used.
- Area smoke or heat detection disabled to eliminate false trip.

Other: _____

Comments: _____

Burn permit:

- Dated 6/22, found next to baler on 6/27.
- Permit not closed out – fire watch never signed/dated verifying completion of work.
- Required precautions not completed, no explanation given as to why.
- Hot work took place within 35 feet of a baled paper storage area. [MIOSHA R 408.11261]



Top left: exposed wiring

Top right: two large metal machine covers hanging precariously over an edge 25' above the ground

Bottom: Open electrical panel left unattended.





Left: open electrical receptacle



Right: rake left on floor, tines up.
Trip/puncture hazard.