

Toolbox Talks

Topic: Emergency Response to a Baghouse Fire

To avoid serious injuries and damage, in the event of a baghouse fire, remember to complete these essential steps:

1. If you see black or blue smoke venting from the baghouse exhaust stack....STOP the exhaust fans!!
2. Close the exhaust damper and fugitive dust fan
3. Stop the burner
4. Stop the flow of fuel to the burner
5. Stop the flow of asphalt cement
6. Keep the plant cool by feeding cold wet material through the dryer and the plant. Allow the drum to turn. Drain material from the hot bins.
7. Call the fire department: 911
8. Notify staff and foreman

Do NOT open up the baghouse, unless completely certain the fire is extinguished.

If you need to use a fire extinguisher, then use a CO2 type located around the plant, and remember to: Pull the pin that is locking the lever open, Aim the hose at the base of a fire, Squeeze the lever, Sweep the hose side to side at the fire.



After a fire, and once all is clear, check for:

1. Extents of damage to bags, and the cages for warping or breakage
2. Condition of sequential cleaner, pulse system, breakers
3. Thermometers, and magnahelic, and general electrical wiring

As proper safe operations and maintenance, prior to operating a baghouse ensure that:

- there are controls in place to kick out the exhaust fan and burner if temperatures exceed limits
- there are NO flammable materials near a baghouse
- there is NO misty oil or black dust on baghouse walls, ducting, or exhaust fan
- the burner linkages are in good working order.