

# MANUFACTURING SAFETY ALERT

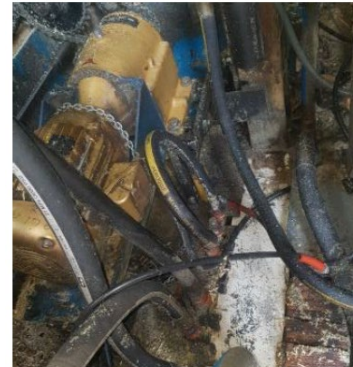
Ask Yourself  
“Could it happen here?”

## DESCRIPTION OF EVENT

### Incident: Fire - Edger Motor Mount

A Hot Work permit was issued for welding on an edger motor mount. The permit issuer failed to inspect the work area to ensure all combustibles were removed prior to the welding activity. The welder and fire watch made an attempt to clean up the combustibles but, became frustrated and started welding without ensuring the combustibles were removed.

The welding activity started a fire on a cable tray located in the basement below the edger motor mount. In addition to the electrical cable a PVC pipe carrying the edger hydraulic fluid caught on fire rapidly spreading the flames. Due to the thick smoke and flames a full evacuation was performed and the fire department was called to extinguish the fire.



## SUGGESTED ACTIONS

- Transfer pipes carrying combustible fluids should be engineered with steel pipes or steel braided lines.
- Clean-up must be checked by shift Supervisors each shift to ensure housekeeping standards are maintained.
- Train and implement Hot Work Policy without delay.
- All Hot Work Permit Issuers must visually inspect areas prior to signing off on the permit.
- Plug holes to the basement with wet rags or suitable fire blankets to prevent slag and sparks from travelling to another floor or room.
- Expand Fire Watch beyond 35 feet between levels.
- Audit the Hot Work permit system to ensure all hot work activity is safely performed.

## MOST IMPORTANT TAKE AWAY

Hot Work Permit issuers must visually inspect all hot work areas prior to signing-off on the permit.

**MAG**  
Manufacturing Advisory Group



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