

## Hot Work Permit

Issue Date: November 2006



Hot Work Permits are required for any welding, cutting, or other flame-producing operations in or near grain, feed or seed facilities and other locations where combustible or flammable materials can be ignited.

The hot work permit is to be kept on file until all hot work is completed.

The manager will sign off twice on the permit. The first sign-off occurs before the work is started. This sign-off verifies that all safety precautions have been taken and it is safe to proceed. The second sign-off occurs after the work has been completed and a fire watch has taken place, if mandated by the conditions of the work.

In many cases, hot work at grain, feed or seed facilities is done by outside contractors who have been hired for their expertise in this area. A permit must be issued before the contractor starts working.

The attached form can be used as is or modified for a particular facilities needs. Modifications are acceptable provided the permit contains the following items:

- ◆ Description of work to be done
- ◆ Location, time and date of work
- ◆ Proof that safety precautions have been taken to control the risk of fire and explosion
- ◆ A sign-off that the manager has verified compliance with the safety precautions
- ◆ A sign-off that the work has been completed and the risk have been abated.

The following activities do not require a permit:

- The hot work is performed in a shop area designated for hot work and is separate from the grain, feed or seed handling areas.
- The hot work is done in “hot work areas” located outside and at least 30 feet away from the grain, feed, or seed facilities

### **Welding & Cutting Permit**

This permit must be completely filled out and signed by a foreman, manager or supervisor before any welding or cutting is performed inside or within 10 feet of a grain elevator, feed mill or seed plant.



**THIS PERMIT APPLIES ONLY TO THE AREA SPECIFIED BELOW**

Permit Requested by:	
Date:	Time:
Location:	
Description of work:	

**Safety Check**

Inspect the proposed work area - listed below are precautions that ***must*** be taken before work begins.

- \_\_\_\_\_ **Shut down and lock out all equipment associated with the work area**
- \_\_\_\_\_ **All dust must be cleaned from floors walls and equipment within 35 feet of the work area.**
- \_\_\_\_\_ **Wet down combustibles within at least 35 feet of the work area. If combustibles cannot be removed, cover with non-combustible blankets**
- \_\_\_\_\_ **Tightly seal all wall, floor and equipment openings and cracks**
- \_\_\_\_\_ **If working on enclosed equipment, clean out all combustibles.**
- \_\_\_\_\_ **Block equipment with non-combustible materials to prevent sparks or hot slag from falling into and traveling through equipment**
- \_\_\_\_\_ **Suspend non-combustible blankets beneath work to catch sparks**
- \_\_\_\_\_ **Inspect the welding and cutting equipment to ensure that it is in good working condition.**
- \_\_\_\_\_ **Provide fire extinguishers or adequate water supply**
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- \_\_\_\_\_ **Assign a fire watch, trained in the use of equipment and sounding alarms to the area during the work**
- \_\_\_\_\_ **If Hot Work is done in Grain Elevators, patrol the work area once every 15 minutes for signs of smoke or smoldering material dust for 4 hours after the work is completed**

**Permit Approval**

Before signing this permit to authorize welding and cutting, re-inspect the work area to confirm that all necessary precautions indicated have been taken. By signing this section the Manager is assuring that the work area has been inspected and all necessary safety precautions have been taken.

MANAGER'S APPROVAL	
PERMIT EXPIRES DATE	TIME

Upon completion of work, return permit to Manager in charge.

**Final Inspection**

After work has been completed, the work area and adjacent areas were inspected and no signs of fire or heat were found.

SIGNATURE (individual responsible for project)
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*This permit was not designed to apply to all welding and cutting situations. The specific circumstances of each welding and cutting job should be carefully reviewed and appropriate safety precautions taken before work begins and while performing the work. Assigning hot work in confined spaces will require additional Confined Space Entry Permit*