

LOSS CONTROL DATA GUIDE

## Hot Works Program

The use of open flame and spark producing devices for welding, cutting, and similar “hot work” applications is common and necessary in many workplaces. When properly controlled, many benefits are derived. When not controlled, property damage and personal injury often occur.

Management should develop and implement a Hot Works Program to reduce the likelihood of property damage and personal injury. A Hot Works Program should be followed whether your own employees are performing the work or a contractor is. The Hot Works Program should include the following key points:

- Cutting, welding or other open-flame or spark-producing equipment should not be used until a Hot Works permit (see sample permit on reverse) has been issued.
- Is it possible to do this job in the maintenance shop or mechanically?
- Flame or spark-producing equipment to be used has been inspected and found to be in good repair.
- Sprinklers, where provided, are in operation and will not be taken out of service while this work is being done.
- There are no combustible fibers, dusts, vapors, gases or liquids in the area. Tanks and equipment previously containing combustibles or flammables have been purged. The absence of gases

or vapors has been verified by a combustible gas detection instrument. If there is a possibility of a leak developing in nearby piping, equipment, or tanks, this area must be continuously monitored.

- The work will be confined to the area or equipment specified on the permit.
- Surrounding floors have been swept clean and, if combustible, wet down.
- Ample portable extinguishing equipment, such as hand hose or fire extinguisher, has been provided.
- All combustibles have been relocated 35 feet from the operation and the remainder protected with metal guards or flame-proof curtains or covers (not ordinary tarpaulins).
- All floor and wall openings within 35 feet of the operation have been tightly covered.
- Responsible fire watch personnel have been assigned to watch for dangerous sparks in the work area, as well as on floors above and below.
- Arrangements have been made for a fire watch of the area, including floors above and below, during any lunch or rest period and for at least one half-hour after work has been completed.
- Once work has been completed, all used fire extinguishers must be taken to a designated area for recharging.



HOT WORK PERMIT
FOR WELDING AND CUTTING OPERATIONS

THIS PERMIT SHOULD BE CONSPICUOUSLY POSTED AT THE JOB SITE

Date permit issued \_\_\_\_\_

Location of work \_\_\_\_\_

Work to be done \_\_\_\_\_

\_\_\_\_\_
\_\_\_\_\_

Special precautions \_\_\_\_\_

\_\_\_\_\_

Is a fire watch required?  Yes  No

The location where the work is to be done has been examined and necessary precautions have been taken. Permission is granted for this work.

This permit expires \_\_\_\_\_

Signature of person authorizing work \_\_\_\_\_

Title \_\_\_\_\_

Company \_\_\_\_\_

FINAL CHECK-UP

Work areas and adjacent areas were inspected 30 minutes after the work was completed and were found firesafe.

Signature of Supervisor or Firewatcher \_\_\_\_\_

FOR FIRE EMERGENCY CONTACT:

\_\_\_\_\_

The loss prevention information and advice presented in this brochure are intended only to advise our insureds and their managers of a variety of methods and strategies based on generally accepted safe practices, for controlling potentially loss producing situations commonly occurring in business premises and/or operations. They are not intended to warrant that all potential hazards or conditions have been evaluated or can be controlled. They are not intended as an offer to write insurance coverage for such conditions or exposures, or to imply that Great American Insurance Company will write such coverage. The liability of Great American Insurance Company is limited to the specific terms, limits and conditions of the insurance policies issued.