

»»» HOT WORK



Safety Snap!



RISK MANAGEMENT AND SAFETY

Hot Work activities, including welding, cutting, use of torches, or soldering, pose physical hazards. Most welding at the University involves either a gas flame or an electrically generated arc. Each operation must be evaluated for the specific hazards it may pose. Please review the safety information below. Authorized persons are expected to understand and adhere to Notre Dame's Hot Work Program which can be found on the [Risk Management and Safety Website](#).



HOT WORK PERMIT

»»» [PERMIT LINK](#)

A Hot Work Permit must be obtained **BEFORE** initiating any Hot Work Activity on campus. This can be done utilizing the link above or going to the RMS Website.

Notre Dame Fire Department **MUST** be contacted prior to completion of the permit process to discuss fire suppression and detection status.

»»» NDFD Main Number: 574.631.6200

Designated Hot Work Areas may be established **IF**:

- The area is isolated from combustible materials by a distance of **35 feet** and isolated with barriers, welding curtains, or other protection.
- There is a posted sign indicating Hot Work Area.
- Has a designated fire extinguisher in the area.
- RMS has approved the site.



»»» FIRE WATCH

- Hot Work performed in **Non-Detected** spaces **MUST** be monitored for **60 minutes** after completion of the work.
- **Detected** spaces require Fire Watch monitoring for at least **30 minutes** after completion of the work. Dedicated Fire Watch is not required for soft soldering jobs.

»»» Fire Watch is **ALWAYS** required for Hot Work in the **Basilica** or **Main Building**.



»»» CONFINED SPACE & HAZARDOUS LOCATIONS

Hot Work in Confined Spaces and Hazardous Locations requires continuous atmospheric monitoring. Confined spaces requiring Hot Work activity are Permit Entry only. ND employees can contact NDFD at 574.631.6200 for assistance with air monitoring. Ensure meters are bump tested by NDFD prior to use. It is essential that no contaminants are present where a fresh air calibration is performed.

Hot Work shall cease immediately if the air monitoring device indicates a potentially dangerous atmosphere.