

# North Lake Tahoe Fire Protection District

866 Oriole Way, Incline Village, NV 89451

Phone: (775) 831-0351



## Hot Work Permit Application

Applicant Name \_\_\_\_\_ Construction Site Address \_\_\_\_\_  
 Type of Hot Work \_\_\_\_\_ Anticipated Time Frame \_\_\_\_\_  
 Company Name \_\_\_\_\_ Contractor's License Number \_\_\_\_\_  
 Email \_\_\_\_\_ Company Address \_\_\_\_\_  
 Phone number \_\_\_\_\_

Per the adopted 2018 IFC, IWUIC, and following NFPA standards, a hot work permit is required for any **torching, cutting, and/or welding**. Please read the following and initial you understand the following:

<b>Hot Work Requirements in Incline Village and Crystal Bay</b>	<b>Initial here</b>
<b>All Work Areas</b>	
Clearance between ignition sources (hot work) and combustible vegetation/materials is 30'.	
A 2A:20BC extinguisher is required within 30' reach of the hot work.	
Waste material shall not be deposited in a wildland-urban interface area, unless in an approved dumping bin.	
Rubbish containers exceeding 5.33 cubic feet (40 gallons) shall be non-combustible or complies with ASTM E1354.	
Flammable and combustible liquid storage areas shall be maintained clear of combustible vegetation and waste material.	
The site must have a secondary water source with a charged hose and be able to sufficiently reach hot work areas.	
Must have hand tools ready, such as a shovel and rake.	
Hot work must cease if winds exceed over 15mph.	
Hot work is not permissible on Red Flag Days.	
<b>Interior Work</b>	
Flammable liquid, dust, lint, and oily deposits removed.	
Explosive atmosphere in area eliminated.	
Floors swept clean and trash removed.	
Combustible floors wet down or covered with damp sand or fire-resistive/noncombustible materials or equivalent.	
Personnel protected from electrical shock when floors are wet.	
Other combustible storage material removed or covered with listed or approved materials (welding pads, blankets, or curtains; fire-resistive tarpaulins), metal shields, or noncombustible materials.	
All wall and floor openings are covered.	
Ducts and conveyors that might carry sparks to distant combustible material covered, protected, or shut down.	
<b>Hot Work on Ceilings, Walls, and Roofs</b>	
Construction is noncombustible and without combustible coverings or insulation.	
Combustible material on other side of walls, ceilings, or roofs is moved away.	
<b>Hot Work on Enclosed Equipment</b>	
Enclosed equipment is cleaned of all combustibles. Containers are purged of flammable liquid/vapor. Pressurized vessels, piping, and equipment removed from service, isolated, and vented.	
<b>Fire Watch and Monitoring</b>	
Fire watch is provided during and for a minimum of 1 hour after hot work, including any break activity.	
Fire watch is provided with suitable extinguishers and, where practical, a charged small hose.	
Fire watch is trained in use of equipment and in sounding alarm.	

**Names and Signatures of authorized to perform hot work under this permit.**

<b>Trade Partner Performing Hot Work</b>	<b>Cell Phone Number</b>	<b>Driver License #</b>	<b>Signature</b>

By physically signing or electronically signing and submitting this application, I acknowledge that all work will be performed in compliance with the codes and standards adopted by North Lake Tahoe Fire Protection District. Furthermore, all work will be completed by contractors and/or employees licensed through either the Nevada State Fire Marshal Division and/or the Nevada State Contractors Board, as applicable by NAC 477.300 and NRS 624.020.

**SIGNATURE:** \_\_\_\_\_ **DATE:** \_\_\_\_\_

# HOT WORK FIRE SAFETY

## WHAT IS IT?

Hot work is any process involving flame, spark, or heat production. Typically, this includes: cutting and burning, welding, soldering, heat treating, grinding or chipping, drilling or tapping, and torch-applied roofing.

NFPA 51B covers hot work safety. Take a look: [www.nfpa.org/51B](http://www.nfpa.org/51B)

## WHO NEEDS TO KNOW?

Construction Contractors		Iron Workers	
Welders		Utility Workers	
Sheet-Metal Workers		Electrical Workers	
Plumbers		Roofers	
Pipe-Fitters		AHJ's / Fire Service	

## WHY IS IT IMPORTANT?

4,630

Structure Fires Involve Hot Work Per Year

43%

Of Fires Occur In or On Homes



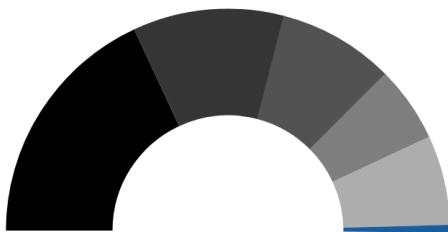
15 Civilian deaths are caused per year from these fires



198 Civilian injuries are caused per year from these fires



\$355M In direct property damage results from these fires per year.



- Welding Torches (36%)
- Cutting Torches (22%)
- Soldering Equipment (17%)
- Burners (11%)
- Heat Treating Equipment (13%)
- Other (1%)

	Home Fires	Non-Home Incidents
Peak Areas	Wall assemblies, Bathrooms, Kitchens	Exterior roof surfaces, Processing/manufacturing areas
First Ignited	Structural members, Insulation, Exterior Wall Coverings or finish	Flammable/combustible liquids, gases, and Exterior roof coverings or finish

From the Structure Fires Caused by Hot Work NFPA Report. [www.nfpa.org/hotworkreport](http://www.nfpa.org/hotworkreport)  
 Statistics are based on fires reported to local fire departments in 2013-2017.



**NATIONAL FIRE PROTECTION ASSOCIATION**

The leading information and knowledge resource on fire, electrical and related hazards