

# HOT WORK

1

**BEFORE:**  
INSPECTION  
& PRE-WORK  
ASSESSMENTS

2

**DURING:**  
MONITORING  
HOT WORK  
ACTIVITIES  
& HAZARDS

3

**AFTER:**  
POST-WORK  
INSPECTIONS



**BC Forest Safety**

Safety is **good** business



# HOT WORK

## WHAT YOU NEED TO KNOW

HOT WORK REFERS TO WORK ACTIVITIES LIKE CUTTING, GRINDING, SOLDERING & WELDING, ANY OTHER ACTIVITY THAT INVOLVES AN OPEN FLAME OR GENERATES SPARKS.

HAVING ADEQUATE CONTROLS IS ESPECIALLY IMPORTANT IN WORK ENVIRONMENTS WHERE THERE IS THE PRESENCE OF COMBUSTIBLE MATERIALS, LIKE WOOD DUST.

### **BEFORE: INSPECTION AND PRE-WORK ASSESSMENTS**

- OBTAIN HOT WORK PERMIT FOR THE ACTIVITY INCLUDING POST-WORK MONITORING
- ASSESS FOR OTHER POTENTIAL HAZARDS: PROPER LOCK-OUT, FALLS FROM ELEVATION, RADIATION, ARC FLASHES, ETC.
- CLEAR THE AREA OF ALL FLAMMABLE AND COMBUSTIBLE MATERIALS
- REMOVE ANY SPILLED GREASE, OIL, OR OTHER COMBUSTIBLE LIQUID
- PROTECT GAS LINES & EQUIPMENT FROM FALLING SPARKS, HOT MATERIALS & OBJECTS
- BLOCK OFF CRACKS BETWEEN FLOORBOARDS, ALONG BASEBOARDS AND WALLS, AND UNDER DOOR OPENINGS, WITH A FIRE RESISTANT MATERIAL. CLOSE DOORS AND WINDOWS
- USE FIRE RETARDANT BLANKETS AND CURTAINS WHEN APPROPRIATE
- CHECK ALL FIRE-FIGHTING AND RESCUE EQUIPMENT IN THE WORK AREA TO ENSURE IT IS IN GOOD CONDITION AND OPERATING CORRECTLY
- INSPECT EQUIPMENT PRIOR TO USE

### **DURING: MONITORING WORK ACTIVITIES**

- HAVE A PRE-WORK REVIEW TO ENSURE THAT EVERYONE UNDERSTANDS THEIR ROLE AND WHAT TO DO
- POST A TRAINED FIRE WATCH FOR THE DURATION OF THE WORK
- ASSESS A 10.5M / 33' RADIUS FOR POTENTIAL FIRE HAZARDS

### **AFTER: POST-WORK INSPECTIONS**

- INSPECT THE AREA AFTER THE HOT WORK HAS BEEN COMPLETED FOR ANY POTENTIAL FIRE IGNITION SOURCES OR SMOULDERS
- AS REQUIRED BY PERMIT, RE-INSPECT THE AREA AFTER THE HOT WORK HAS BEEN COMPLETED TO MONITOR FOR FIRE RE-IGNITION RISKS

