

INSPECTION CHECKLIST FOR Welding and cutting operations



NAME DATE LOCATION

Inspectors are to check all the items in the "ITEMS TO BE CHECKED" for their own safety and the safety of others.

Indicate if each criterion is met by using a tick. If not, use a cross. Where irrelevant, write n/a in the COMMENTS section.

PERSONAL PROTECTIVE EQUIPMENT REQUIRMENTS

Welding hood with filtered lens, safety goggles, fire resistant welders cap, gauntlet style hand protection, welder's leather jacket, apron, welder's chaps, jeans and high shoes



APPAREL REQUIREMENTS

WORKERS NOT WEARING CLOTHES THAT CAN CATCH MOLTEN METAL / SPARKS

NO COMBUSTIBLES ON EMPLOYEES' CLOTHING

EMERGENCY RESPIRATORS AVAILABLE



COMMENTS

CYLINDER STORAGE

WELDING GAS CYLINDERS STORED UPRIGHT

CYLINDERS NOT BEING USED HAVE VALVE PROTECTORS

CYLINDERS SECURED TO BUILDING SUPPORT / CART

CYLINDERS STORED IN DESIGNATED LOCATIONS

CYLINDERS AWAY FROM HEAT SOURCES / ELECTRICAL CIRCUITS

CYLINDERS STORED IN DRY, WELL-VENTILATED AREA

PRECAUTIONARY SIGNS IN CYLINDER STORAGE AREA

OXYGEN 7m FROM ACETYLENE, WITH 1/2 HOUR FIRE BARRIER

CYLINDERS MARKED TO IDENTIFY CONTAINED GAS

EMPTY CYLINDERS MARKED, CLOSED & SEGREGATED

CYLINDERS EXAMINED FOR DEFECTS AND DAMAGE



COMMENTS

OPERATIONS

ONLY APPROVED WELDING APPARATUS USED

WELDING EQUIPMENT FREE OF OIL / GREASE

FRICTION LIGHTERS READILY AVAILABLE

HOSES FREE OF DAMAGE OR DECAY

WITHIN 3m OF HOLDER, REPAIRS DISCARDED

ARC WELDER CABLE CONNECTIONS INSULATED

ELECTRODES REMOVED FROM UNATTENDED HOLDERS

VALVE CLOSED AND GAS RELEASED FROM REGULATOR BEFORE REMOVAL

WELDING GENERATORS GROUNDED

ON VEHICLES / TRAILERS, PORTABLE GENERATORS

GROUNDED TO FRAME BY GROUND WIRE / CONTACT

VENTILATION PROVIDED IN OPERATIONAL AREA

OXYGEN & FUEL GAS PROHIBITED IN CONFINED SPACES



COMMENTS

Continued overleaf

HOT WORK PERMIT AREAS (IF APPLICABLE)	✓✗	COMMENTS
HOT WORK PERMISSIONS PROGRAM ESTABLISHED		
HOT WORK PERMIT RECEIVED		
AFFECTED PERSONNEL INFORMED OF HOT WORK		
COMBUSTIBLE MATERIALS 7m FROM HOT WORK AREA		
BARRICADES ERECTED TO PROTECT AREA		
SHIELDS USED TO CONFINE HEAT, SPARKS AND SLAG		
SUFFICIENT FIRE EXTINGUISHERS AVAILABLE		
FIRE WATCHERS ASSIGNED WHERE NEEDED		
FIRE WATCHERS PRESENT TWO HOURS AFTER PROJECT		
FIRE SUPPRESSANT SYSTEM REMAINS ACTIVE		
PERSONNEL PROTECTED FROM ELECTRIC SHOCK		
NO OPERATIONS NEAR FLAMMABLE LIQUIDS / HEAVY DUST CONCENTRATIONS		

TRAINING	✓✗	COMMENTS
ONLY AUTHORISED & TRAINED PERSONNEL ALLOWED TO USE OPERATIONAL EQUIPMENT		
WORKERS SHOWN HOW TO HANDLE / STORE CYLINDERS, SAFETY VALVES, ETC.		
EMPLOYEES ARE SHOWN HOW TO MOVE CYLINDERS		
EMPLOYEES "CRACK" VALVE BEFORE CONNECTING REGULATOR		
EMPLOYEES PROHIBITED FROM LEAVING VALVES OPEN WHEN CYLINDER IS NOT IN USE		
EMPLOYEES OPEN VALVES SLOWLY BY HAND		
WORKERS DO NOT COIL CABLES AROUND THEMSELVES		
WELDING EQUIPMENT INSPECTED OFTEN		
DAMAGED EQUIPMENT REMOVED FROM SERVICE		
EMPLOYEES SCREENED FOR HAVING A PACEMAKER / DEFIBRILLATOR BEFORE ENTERING OPERATIONAL AREA		

FIRST AIDER SIGNATURE	
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DATE

**Never rush an inspection.
Remember: your reputation is on the line!**

**Many things can go wrong with hot work.
These can be avoided through
a thorough inspection.**

**Welding and cutting operations are highly dangerous.
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