

## Welding Machine INSPECTION PROCESS

Department/Division: \_\_\_\_\_ Date Of Inspection: \_\_\_\_\_

Location: \_\_\_\_\_ Inspector: \_\_\_\_\_

Criteria	Yes	No	Comments
• Are only authorized and trained personnel permitted to use welding, cutting or brazing equipment?	<input type="checkbox"/>	<input type="checkbox"/>	
• Are compressed gas cylinders examined regularly for obvious defects such as rusting or leakage?	<input type="checkbox"/>	<input type="checkbox"/>	
• Are only approved torches, regulators, pressure reducing valves, acetylene generators and manifolds used?	<input type="checkbox"/>	<input type="checkbox"/>	
• Are gas cylinders kept away from heat sources?	<input type="checkbox"/>	<input type="checkbox"/>	
• Are gas cylinders stored away from stairs, elevators and exits?	<input type="checkbox"/>	<input type="checkbox"/>	
• Are empty cylinders marked and are the valves closed and protected by valve caps?	<input type="checkbox"/>	<input type="checkbox"/>	
• Are cylinders, valves, couplings, regulators, hoses and apparatus kept free of oil and grease?	<input type="checkbox"/>	<input type="checkbox"/>	
• Unless secured on special trucks, are regulators removed and valve caps installed before moving cylinders?	<input type="checkbox"/>	<input type="checkbox"/>	
• Do cylinders have keys, handles or non-adjustable wrenches on stem valves when in service?	<input type="checkbox"/>	<input type="checkbox"/>	
• Are cylinders stored and shipped valve-end up with valve caps on?	<input type="checkbox"/>	<input type="checkbox"/>	
• Is red used to identify the acetylene hose, green the oxygen hose and black for inert gas and air hose?	<input type="checkbox"/>	<input type="checkbox"/>	
• Is a fire extinguisher available for immediate use?	<input type="checkbox"/>	<input type="checkbox"/>	
• Do you periodically check the grounding of the machine frame and safety ground connections of portable machines?	<input type="checkbox"/>	<input type="checkbox"/>	

## SAFETY AND ENVIRONMENT EDUCATION FOR DEVELOPMENT

• Is the welder prohibited from coiling the electrode cable around his body?	<input type="checkbox"/>	<input type="checkbox"/>
• Are wet machines dried and tested before use?	<input type="checkbox"/>	<input type="checkbox"/>
• Are work and electrode lead cables inspected for wear and damage prior to use, and replaced as necessary?	<input type="checkbox"/>	<input type="checkbox"/>
• When fire hazards cannot be removed, are shields used to confine heat, sparks and slag?	<input type="checkbox"/>	<input type="checkbox"/>
• Are firewatchers assigned when welding or cutting is done in locations where a serious fire may occur?	<input type="checkbox"/>	<input type="checkbox"/>
• When floors are wet, are personnel protected from possible electrical shock?	<input type="checkbox"/>	<input type="checkbox"/>
• When welding or cutting is done on walls, are precautions taken to protect combustibles on the other side?	<input type="checkbox"/>	<input type="checkbox"/>
• Are employees who are exposed to the hazards of welding, cutting or brazing protected with personal protective equipment?	<input type="checkbox"/>	<input type="checkbox"/>
• Is a check made for adequate ventilation when welding or cutting is done?	<input type="checkbox"/>	<input type="checkbox"/>
• When working in confined spaces, are tests for toxic and combustible gases taken prior to welding, cutting or brazing?	<input type="checkbox"/>	<input type="checkbox"/>