



WELDING SAFETY AUDIT

I. GENERAL

- A. Check that welding area is free of flammable liquid and debris.
- B. Check welding benches have fire proof tops.
- C. Check nearby walls are protected from hot metal and sparks.
- D. Check that oxy fuel cutting equipment is free of grease and oil.
- E. Check that cylinders are in vertical position and secured from falling.
- F. Check that valve cylinder caps are in place whenever cylinders are not in use.
- G. Check that cylinders are stored away from hot sparks and flames.

II. ELECTRIC ARC WELDERS

- A. Check that input power cord in good shape with good plug and receptacle.
- B. Check that welding leads in good shape.
- C. Check that electrode holders good shape.
- D. Check that machine lug boots in place.
- E. Check that cable connectors make good connections and are insulated.

III. OXY FUEL TORCHES

- A. Check regulator gauges, nipples, and nuts for damage.
- B. Replace check valves and test flash arrestors.
- C. Inspect torches
 - 1. Nozzle nut
 - 2. Bent tubes
 - 3. Valves
 - 4. Cutting lever
 - 5. Damaged threads
 - 6. O-rings
- D. Check hoses for
 - 1. Excessive signs of wear and grease
 - 2. Too many splices that can cause restrictions