1. Wear flame resistant clothing.
2. Wear leather boots.
3. Wear a welding helmet (ANSI Z87 Lens), welding gloves and safety glasses (ANSI Z87).
4. Make sure the area is well ventilated and use protective masks if needed.
5. Don’t look at the welding arcs flame.
6. Remove any clutter from the work area.
7. Always have a fire extinguisher near-by.
8. Make sure the power cord, ground, and leads are in good condition.
9. Be sure you avoid standing in or having contact with water while operating a welder.
10. Remove all flammable material and gases from the area.
11. Always inspect your welds.