

SAFETY EQUIPMENT LIST

HAND TOOL LIST

Hearing and/or ear protection
Welding gloves — full length (gauntlet) for SMAW, GMAW and FCAW
Welding gloves — appropriate for GTAW
Welding cap/beanie
Welding helmet with appropriate filter plate/lens and protective cover lens for tacking and welding; auto darkening filter plate/lens permissible. Spare filter plate and cover lens.
Cutting goggles — with shade 5 lens/cover lens for OFC/PAC; helmet with shade 5 capability permissible; face shield headgear with shade 5 permissible.
Spare filter and cover lens.
Pocket calculator
Fillet weld gauge — standard set
Lead pencil and/or ballpoint pen
Soapstone with or without holder or silver streak pencil
Scribe without magnet
Compass
Protractor
Combination square set or speed square
10-foot (3.1 meters) minimum steel tape measure
16-ounce (.45 kilogram) ball peen hammer
Center punch
Cold chisel
11R or 10-inch (254 millimeters) vise grips
6-inch (152 millimeters) side cutting pliers or diagonal cutting pliers
6-inch (152 millimeters) needle nose pliers — welpers permissible
Chipping hammer
Carbon steel wire brush
Stainless steel wire brush
Friction lighter (striker) and tip cleaner