

SAFE WORK PRACTICES

3.18 SAFE USE OF MEG WELDER

This piece of machinery is very complex in its use and maintenance. Please read the manual carefully and always have an experienced Supervisor train you in the use prior to start up.

Safe Work Practices:

1. Never touch live electrical parts.
2. Always wear dry, hole-free insulated gloves, body protection and approved safety glasses to avoid flying debris and the bright light of the arc.
3. Do not work alone with this machine
4. Always disconnect power before installing or servicing this equipment.
5. Always turn off equipment when not in use.
6. Always see "Owner Manual" when unsure of something.
7. Never wear rings or watches when using this equipment.
8. Do not use this equipment if you are not an experienced welder. You must be able to control the arc.

Procedures:

1. Do a maintenance check on equipment each time prior to using it. Look for any cracked parts, frayed cords and replace any unreadable labels.
2. Energize the power source, cooler and IH/TS. A power source selection will appear in the top right corner of the IH/TS front panel. Press the recessed Power Source. Select button on the IH/TS rear panel to toggle through and select the appropriate power source maximum output.
3. See owner manual to setup Time/Date and "Channel Cycling".
4. Energize IH/TS and power source. A coolant flow error should appear on the display. Energize the cooler and the error will disappear.
5. Set up Temperature Profile as per code requirements.
6. Set up and start the Digital Recorder (section 6-3-3 of the manual).
7. Run the heat process (section 6-3-4 of the manual).
8. Should you need to recover from an interruption see section 6-3-5 of the manual.
9. Retrieve data from the Digital Recorder (section 6-3-3-4).