



SAFE OPERATING PROCEDURE (SOP)

Tig Brush

DO NOT use this tool unless appropriately instructed in its safe use and operation and permission to operate has been given.

COMPULSORY PPE



Pre-Operational Safety Checks

1. Ensure the power control is not set to STANDBY
2. Ensure the cables are securely plugged into the front of the TIG Brush
3. Ensure the clamp is gripping the work securely.
4. Ensure the brush is wet with fluid.
5. Ensure that the work is conductive.
6. Examine all cables for damage and ensure they are properly connected.
7. Ensure the brush is securely screwed into the wand. NOTE: be careful when checking, as a loose connection may be extremely hot.
8. Check screw threads on the handle, wand and brush for dirt and contamination and clean if required.

Operational Safety Checks

1. Set POWER control to STANDBY. Always use this setting when connecting the clamp or changing the tip.
2. Ensure the power cord is connected to a suitable 240V AC power outlet and connected to the TIG brush power socket.
3. Turn the On/Off switch to ON.
4. Make sure the brush tip has its insulating shroud and the insulation on the wand is undamaged.
5. Ensure the TIG Brush is switched on and all equipment is correctly connected.
6. Select power level and operating mode using the rotary switch.
7. Dip brush in cleaning fluid and apply brush tip to weld area to be cleaned.
8. Ensure brush and work area remain wet with the fluid during cleaning.
9. Apply brush only for as long as necessary to remove discolouration.
10. Some light sparking may occur where brush tip contacts workpiece, particularly on higher power settings, and this is normal.
11. When desired surface finish is achieved, turn the TIG Brush Power Control to OFF.
12. After use put the brush down on a non-flammable surface as it may be very hot.
13. Be careful touching the work as it may be extremely hot.
14. Rinse thoroughly with clean water to remove all traces of cleaning fluid.

Housekeeping

1. Allow all tools and work pieces to cool down before handling or storing.
2. Ensure tool is rested on an appropriate stand or bench whilst cooling.
3. Switch off the tool when not in use.
4. Return all tooling and fixtures to the correct storage location.

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5. Ensure the equipment and work area are in a safe, clean and tidy state after job is completed.

Potential Hazards

1. Burns from hot tool tip
2. Inhalation of fumes, in particular from tin/lead solder
3. Fire
4. Electric Shock
5. Eye injuries

SPECIAL NOTES

No personnel are to use this equipment prior to obtaining:

- Competency in the correct use of the equipment
- Reading and fully understanding the operator's manual – can be located in the Recopak Manuals Draw (marked on Recopak Map)
- Reading the standard operating procedure
- Undergoing through practical training while properly supervised
- Supervisors to ensure SOP's are signed off

This SOP does not necessarily cover all possible hazards associated with this equipment or procedure and should be used in conjunction with other references. It is designed as a guide to be used to compliment training and as a reminder to users prior to use.

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I confirm I am competent to operate a TIG Brush following my training and reading of the attached Safe Operating Procedure.

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