

# ALL ABOUT WELD - PRE-WELD SETUP CHECKLIST

1. Machine: voltage, wire feed, and polarity verified for the process.
2. Gun / torch: liner, contact tip size, and nozzle condition checked.
3. Shielding gas: cylinder pressure above minimum, flow set for the joint.
4. Consumables: wire / electrode stored dry, free of rust and oil.
5. Workpiece: joint cleaned to bright metal, no paint, scale, or moisture.
6. Fit-up: root gap and alignment within tolerance, tacked as required.
7. Pre-heat: interpass temperature reached and verified where specified.
8. Ground clamp: clean, tight connection on the workpiece, not the table.
9. PPE: helmet lens, gloves, and sleeves appropriate for the process.
10. Ventilation: fume extraction or air movement confirmed before arc on.

Sign-off: \_\_\_\_\_ Date: \_\_\_\_\_