

Stick Welding Certification



Student:

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Trainer:

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Date:

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Certification for:

Training Check-Off List:

Tool Anatomy

- Parts of the welder are properly identified
 - Mode selector dial
 - Voltage selector
 - Ground clamp
 - Stinger
 - Output selector switches

Pre-Operation

- Personal Protection Gear - safety glasses, welding helmet, welding gloves, welding jacket (or long sleeves!)
 - Do not wear clothing made from synthetic or synthetic blends.
- No unrestrained long hair and no flowing clothes. Closed-toed shoes are required.
- Make sure there are no puddles on floor in welding area, particularly around machines.
- Make sure that the welding area is free of flammable materials.
- Adjust welding screens to make sure no bystanders can be caught by arc-flash.

Operation

- Turn on the fume extractor and position the end of the extraction arm near your workpiece.
- Make sure no bare skin is ever in contact with the workbench or workpiece during welding or while your parts are hot.
- Clamp a rod into the stinger by twisting the head of the stinger to tighten the internal jaws onto the bare end of the rod.
- Adjust amperage based on weld rod diameter

Stick Welding Certification

- Hold the stinger as appropriate to your weld position and requirements. While welding, edges of flux on rod should just barely not touch the base metal and puddle.
- Treat all work as if it is hot enough to burn you through your gloves.

Post-Operation

- Turn off the fume extractor.
- Turn off the machine (Lincoln DC-400).
- Disconnect the ground clamp, coil cords and store neatly.
- Return all tools.
- Clean the workbench.
- Sweep up (the floor) after yourself, and deposit slag and rod stubs in appropriate metal bucket.
- DO NOT put hot slag and/or rod stubs in standard trash can with other floor sweepings.

Lockout/Tagout Procedure

- Tool unplugged and plug wrapped in safe/visible location, tag filled out and posted, front desk notified.

Pass/Fail:

Comments:

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Student Signature:

Date

Certifier Signature:

Date



Certifier: Please scan this QR Code to email info@claremontmakerspace.org, and include a list of students who have passed this test.

Then, return this form to the front desk (even if the student failed!).