

	HEALTH, SAFETY, ENVIRONMENT AND QUALITY MANAGEMENT SYSTEM <u>OJT 087 - Welding Machine Return cable connection</u> ON THE JOB TRAINING	OJT : 077 Page : 1 of 1 Date : 17-Sep-26 Rev : 10.0 Appr : DPA
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VESSEL : _____

DATE : _____

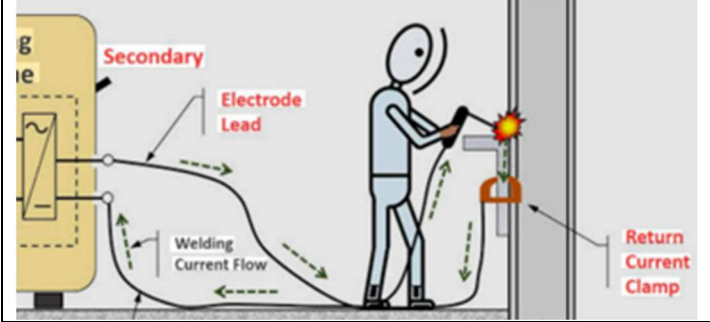
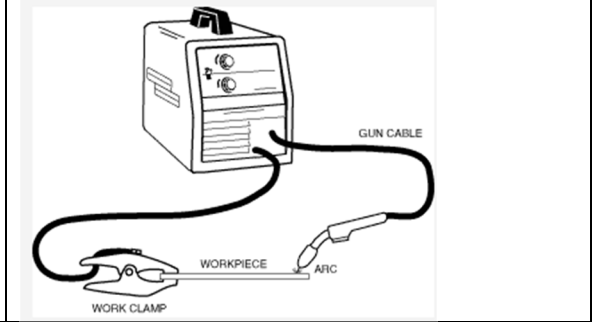
Detail of training: Welding Machine Return cable connection

RightShip Finding RISQ 4.17:

The welding machine located inside workshop of engine room, the return cable of welding machine was found connected to the floor in lieu of attaching to the workpiece. (rectified during inspection).

Training:

- Return clamp connected to hull structure: If the welder connects the return clamp to the ship's structure instead of the workpiece, it increases the risk of getting electrocuted. (COSWP 2024)
- Check and ensure that Welding machine's return cable is not connected to the floor. If return cable is connected to the floor, disconnect it.
- The return cable clamp must be attached directly to the workpiece to complete the localized circuit. Refer below pictures for your reference.

	
Electric circuit localized loop	
	
Cable connected to floor (before inspection)	Cable disconnected and fitted with clamp (after inspection)

Above has been read and understood.

2/E

3/E

4/E

ETO

E/C

Fitter

Wiper

Wiper

Oiler

Oiler

Verified by: CE

Please file signed copy in the shared drive 3.2.3 Training folder