



COURSE OUTLINE:

The highly specialized course is designed for professional divers who want to obtain the needed underwater welding skills. This consists of both theoretical and practical training: 1 week dry welding, and 1 week wet welding. This is to meet the requirements outlined in AWS D3.6:2017 Class B Welds.

PRE-REQUIREMENT:

Class III or Class II diving ticket (or equivalent) will be needed with an in date diver medical certificate.

WEEK 1:

Theory

Consists of class room work, with an end of course exam. Topics range from preparing to weld, safety topside and underwater welding, topside and underwater welding techniques, welding terminology, plant and equipment used, weld defects and prevention thereof.

WEEK 2:

Topside welding

Safety at workplace, preparing weld site, correct PPE equipment, emergency procedures, single welds, weave welds, tee joint fillet welds with single and multipass.

WEEK 3:

Underwater welding

Welding in dive tank, different underwater techniques, polarity check, safety, drag, oscillation, step-back, slope angles, travel speed control, run placement and deposition control, screening weld defects, causes and remedies, lap joint fillet welds, tee joint fillet welds with single and multipass.

COURSE OUTCOMES:

The course is accredited with and witnessed Lloyds Register, as per international required standards. After course examination the final plate welds are sent to an accredited laboratory examiner, where after successful pass to the AWS D3.6:2017 standard the final course tickets will be sent.

 	<p><u>ABJ WELDING - 2021</u></p> <p>UNDERWATER CODED WELDING SCHOOL</p> <p>New Harbour, Hermanus PO Box 911, Hermanus, South Africa, 7200</p> <p>VAT NR: 4240274250</p> <p>Cell: +27 (0)82 589 3892 www.abjwelding.co.za Email: abjwelding@yahoo.com</p>
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