ABOUT
IIW INTERNATIONAL WELDER

COURSE INFORMATION

The International Institute of Welding (IIW) has adopted the International Welder (IW) programme to address the need for highly skilled welders and to achieve global harmonisation in the training, examination and qualification testing of welders.

Training and assessment in the IW programme are linked to the requirements of the international standard, ISO 9606 qualification testing of welders. The ISO 9606 standard is widely used in South Africa, but it is important to note that it is similar to other standards, which are relevant in South Africa, eg. ASME IX and AWS D1.1.

The IW programme provides a combination of theoretical knowledge and high-level practical skills assessed by tests of increasing difficulty and by theoretical examinations.

The programme is presented at three levels – fillet, plate, and pipe welder. Trainees are required to start with fillet welding and must pass a practical competency test before progressing to the next level. Training periods for practical welding vary from person to person.

Experienced welders are not required to undertake unnecessary practical training and may enter the IW programme at any level subject to completing the relevant level practical qualification test including those required for lower levels. A welder fully competent in fillet, plate and pipe welding would undertake the practical test for all three levels and would then undertake only the relevant theory components.

It is important that at each level there is an associated level of theory, plus there may be process specific and material specific theory modules which are applicable.

ENTRY REQUIREMENTS

- ✓ Good hand-eye coordination is the most important aspect to excel in welding
- ✓ Appropriate health as well as physical and mental capability is required to enter at Fillet Welder level
- ✓ Access to higher levels may be allowed upon passing of relevant theoretical examinations and demonstration of required practical skill

Scan to download the SAIW Course Prospectus App.

Please refer to contacts on page 14 | www.saiw.co.za

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PRICING – TYPICAL DURATIONS

The estimated time required for the various processes and levels is shown below, but this is dependent on the individual's aptitude.

Should the individual complete a process and level early credit will be given to contribute to the next level or process.

Process	SMAW (MMA) Stick Welding			GTAW (TIG) Argon Welding			GMAW (MAG) & FCAW CO2 & Flux Core		
Level	Weeks	Price	Price/ week/test	Weeks	Price	Price/ week/test	Weeks	Price	Price/ week/test
Fillet	10	R 68 030	R 6 803	6	R 42 388	R 7 065	12	R 81 215	R 6 768
Plate	10	R 69 697	R 6 970	6	R 44 517	R 7 420	10	R 70 876	R 7 088
Tube	6	R 45 822	R 7 637	4	R 32 574	R 8 144			
Tests	6 Test Pieces			5 Test Pieces			**4 or 8 Test Pieces		
Theory***	2	R 13 610	R 6 805	2	R 13 610	R 6 805	2	R 13 610	R 6 805
TOTAL	**28**	**R184 260**	**R 6 580**	**18**	**R 133 089**	**R 7 361**	**24**	**R 165 701**	**R 6 894**

*Refer to page 31. The total theory training is two weeks for fillet, plate and pipe; for all processes and materials.

**Depending on either process or both processes

***International Harmonised Examination

*Prices subject to change

THE ABOVE PRICING INCLUDES

- ✓ Practical welding training
- ✓ Welder certification testing (coding)
- ✓ Theoretical training and examination fees
- ✓ IIW Diploma after successful completion of the course

A 25% surcharge is applied if the material is stainless steel or aluminium.

Should only a welder competency test be required, **R3 609** will be charged per welding process, per position, per material.

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