SAIW WELDING AND FABRICATION INSPECTOR LEVEL 1



COURSE INFORMATION

The SAIW Level 1 course introduces candidates to welding processes, its applications, advantages and disadvantages as well as typical defects. It also introduces candidates to materials technology and the impact of welding on material properties. Visual inspection, quality assurance and quality control and welder code approval are covered in Level 1.

This course has been in existence for over 40 years and has been continually refined to meet industry requirements. The course has been refreshed and refined to ensure it is completely up to date and will deliver more comprehensive knowledge than ever before.

Scan to download the SAIW Course Prospectus App.

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



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STUDENTS WILL COVER SOME OF THE FOLLOWING TOPICS:

1. ASME VIII visual inspection aspects
2. AWS D1.1 Welder Qualifications
3. ASME IX Welder Qualifications
4. ISO 9606 Welder qualification
5. Circular motion programming

Upon successful completion of the SAIW Welding and Fabrication Inspectors Level 1, the candidate will be issued with the SAIW Welding and Fabrication Inspectors Level 1 qualification certificate.

Once a student completes the Level 1 training, they may proceed to the SAIW Welding and Fabrication Inspectors Level 2 course. The progression will enable students to enhance their curriculum vitae.

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COURSE INFORMATION

ENTRY REQUIREMENTS

- ✓ Matric Maths and Science with a minimum 50% **OR**
- ✓ Successful completion of SAIW's Introduction to Inspection course **OR**
- ✓ Passed first year in an Engineering Diploma OR Degree (N4) **OR**
- ✓ IWS, IWT or IWE qualification

COURSE OUTLINE

WEEK 1
- ✓ Terms & Definitions
- ✓ Welding Processes
- ✓ Welding Defects

WEEK 2
- ✓ Materials including Mill certificate
- ✓ Welding Symbols
- ✓ Visual Inspection
- ✓ Inspection Reports

WEEK 3
- ✓ Welder Qualifications
- ✓ Welding Safety
- ✓ QA/QC including quality control plans

WEEK 4
- ✓ Revision (3 days)
- ✓ Exam

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COURSE DURATION

20 days + 3 days revision + 2 days exams

PRICING (Including VAT)

Corporate Member	**R 48 544**
Non-Corporate Member	**R 52 513**

*Prices subject to change

Course Schedule | SAIW Welding & Fabrication Inspectors Level 1

JOHANNESBURG

WEEK	COURSE INFORMATION	HRS	JHB 01	JHB 02	JHB 03	JHB 04	JHB 05	JHB 06	JHB -7
1	Terms & Definitions Welding Processes Welding Defects	40	25-29 Jan	01-05 Mar	17-21 May	07-11 Jun	26-30 Jul	06-10 Sep	11-15 Oct
2	Materials Welding Symbols Visual Inspection Inspection Reports & Regulations	40	22-26 Feb	05-09 Apr	21-25 Jun	05-09 Jul	23-27 Aug	04-08 Oct	18-22 Oct
3	Welder Qualifications Welding Safety Quality Assurance/ Quality Control	40	15-19 Mar	03-07 May	19-23 Jul	02-06 Aug	27 Sep - 01 Oct	01-05 Nov	08-12 Nov
4	Revision	40	12-14 Apr	31 May - 02 Jun	16-18 Aug	30 Aug - 01 Sept	25-27 Oct	22-24 Nov	15-17 Nov
	Exam		**15-16 Apr**	**03-04 Jun**	**19-20 Aug**	**02-03 Sep**	**28-29 Oct**	**25-26 Nov**	**18-19 Dec**

SECUNDA | DURBAN | CAPE TOWN

Week	COURSE INFORMATION	HRS	SEC 01	SEC 02	DBN 01	CPT 01
1	Terms & Definitions Welding Processes Welding Defects	40	2-26 Feb	25 - 29 Oct	05-09 Jul	11-15 Oct
2	Materials Welding Symbols Visual Inspection Inspection Reports & Regulations	40	01-05 Mar	01 - 05 Nov	12-16 Jul	18-22 Oct
3	Welder Qualifications Welding Safety Quality Assurance/Quality Control	40	05-09 Apr	29 Nov - 08 Dec	16-20 Aug	15-19 Nov
4	Revision	40	12-14 Apr	06 - 08 Dec	23-25 Aug	22-24 Nov
	Exam		**15-16 Apr**	**09 - 10 Dec**	**26-27 Aug**	**25-26 Nov**

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