



SAIW

Welding and Fabrication Inspector Level 1

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.

www.saiw.co.za

Please refer to contacts on page 16

Scan to download the SAIW
Course Prospectus App onto
your cellular phone.



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STUDENTS WILL COVER SOME OF THE FOLLOWING TOPICS:



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 45 368**

Non-Corporate Member **R 49 078**

*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	40	12-16 Jan	16-20 Feb	04-08 May	08-12 Jun	20-24 Jul	07-11 Sep	19-23 Oct
	Welding Processes								
	Welding Defects								
2	Materials	40	02-06 Feb	09-13 Mar	01-05 Jun	29Jun - 03Jul	17-21 Aug	05-08 Oct	26-30 Oct
	Welding Symbols								
	Visual Inspection								
	Inspection Reports & Regulations								
3	Welder Qualifications	40	02-06 Mar	20-24 Apr	22-26 Jun	27-31Jul	14-18 Sep	02-06 Nov	30 Nov - 04 Dec
	Welding Safety								
	Quality Assurance/Quality Control								
4	Revision	40	23-25 Mar	18-20 May	13-15 Jul	24-26 Aug	27-28 Aug	23-25 Nov	07-09 Dec
	Exam		26-27 Mar	21-22 May	16-17 Jul	27-28 Aug	15-16 Sep	26-27 Nov	10-11 Dec

SECUNDA | DURBAN | CAPE TOWN

Week	COURSE INFORMATION	HRS	SEC 01	DBN 01	CPT 01
1	Terms & Definitions	40	23-27 Feb	06-10 Jul	12-16 Oct
	Welding Processes				
	Welding Defects				
2	Materials	40	02-06 Mar	13-17 Jul	19-23 Oct
	Welding Symbols				
	Visual Inspection				
	Inspection Reports & Regulations				
3	Welder Qualifications	40	23-27 Mar	17-21 Aug	16-20 Nov
	Welding Safety				
	Quality Assurance/Quality Control				
4	Revision	40	20-22 Apr	24-26 Aug	23-25 Nov
	Exam		23-24 Apr	27-28 Aug	26-27 Aug