

Southern African Institute of Welding

WELDING
INSPECTORS &
COMPETENT PERSONS
COURSES 2026

CONTENTS

Focused Approach to 2026 Course Offering	3
SAIW 2026 Course Start Dates a Glance	4
Bookings & Queries Contact Details	5
About Welding Inspectors	6
Introduction to Welding Inspection	9
SAIW Welding and Fabrication Inspector Level 1	12
SAIW Welding and Fabrication Inspector Level 2	16
International Welding Inspection Personnel – Comprehensive (IWIP-C) Competent Persons	20 22



### 2026 Course Offering

### Rationalised number of courses means students should PLAN AHEAD and BOOK TODAY!

The SAIW has rationalised its approach so that although the number of scheduled courses we offer remains exactly the same, the number of times these particular courses are offered through the year has been reduced, to provide a more streamlined offering. In line with this more focused approach, we are therefore proud to launch our courses for 2026!

(SEE THE FULL LIST IN THE TABLE ON THE NEXT PAGE WHICH PROVIDES A CLEAR IDEA OF THE COURSES WE OFFER).

**Cost benefit** 

The cost benefit of this streamlined approach is that a third of our courses have been reduced in price and more than half our course prices have been increased at less than the inflation rate.

Plan ahead

This more streamlined and cost-effective approach means that students need to plan their training schedule for 2026 well in advance and book early to ensure they are in time for their desired course start date next year.

See your options on the next page.

Non-scheduled & Regional Courses

**DEMAND DEPENDENT** 

Despite this streamlined approach, the SAIW remains committed to offering scheduled and non-scheduled regional courses in Cape Town and Durban. A minimum of five students is required per course to run. As soon as the minimum number of people have booked in your region, the course will be scheduled.

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### **SAIW 2026 COURSE START DATES AT A GLANCE....**

WELDING COORDINATORS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ОСТ	NOV	DEC
International Welding Practitioner (IWP)									JHB			
International Welding Specialist (IWS)							JHB					
International Welding Technologist (IWT)						I	JHB			▔		
WELDING INSPECTORS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ост	NOV	DEC
Introduction to Welding Inspection	JHB			JHB	JHB			JHB			JHB	
SAIW Welding and Fabrication Inspector Level 1	JHB	SEC JHB	JHB		JHB	JHB	JHB DBN		JHB	CPT JHB		
SAIW Welding and Fabrication Inspector Level 2		JHB		DBN	SEC CPT	Ξ	JHB					
COMPETENT PERSONS AND INSPECTORS OF PRESSURE EQUIPMENT	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ОСТ	NOV	DEC
Competent Persons Steam Generators (CP:SG)						JHB			DBN			
Competent Persons Pressure Vessels (CP:PV)	JHB				DBN							
MISCELLANEOUS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ОСТ	NOV	DEC
Engineers Appreciation of Welding			JHB						JHB			
ASME Codes of Construction and the National Board Inspection Code			СРТ	JHB							DBN	
AWS D1.1 Steel Structures		Ξ		JHB	DBN	Ξ						
Paint Inspector					JHB			JHB		DBN		
Welding Symbols						JHB			JHB			
ISO 3834								JHB				
PWHT											JHB	

## Contact Details

### STUDENT SUPPORT & GENERAL ENQUIRIES

info@saiw.co.za

### **TRAINING**

training@saiw.co.za

### PRACTICAL WELDING

welding@saiw.co.za

### **COMPANY AUDITS**

iso3834@saiw.co.za

### LABORATORY TESTING

mat.lab@saiw.co.za

### **PAYMENTS / ACCOUNT**

debtors@saiw.co.za

### **NDT RE-WRITES**

ndtrewrites@saiw.co.za

### **ALL OTHER RE-WRITES**

weldtechrewrites@saiw.co.za

### **NDT RESULTS**

ndtresults@saiw.co.za

### **NDT CERTIFICATES**

ndtcert@saiw.co.za

### **IIW CERTIFICATION**

iiwcerts@saiw.co.za

### **COURSE RESULTS**

weldtechresults@saiw.co.za

### IPE'S/CP'S

cpipe@saiw.co.za

### **COMPANY CERT**

iso3834@saiw.co.za

### **CREDITORS**

creditor@saiw.co.za

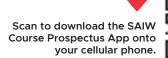
Scan to download the SAIW Course Prospectus App onto your cellular phone.

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Welding inspectors are the guardians of quality and safety in the welding industry. Their role is pivotal in ensuring that welds meet stringent standards, codes, and specifications, ultimately guaranteeing the integrity of welded structures and components.

At the SAIW, we recognise the critical importance of welding inspectors and offer comprehensive training programmes that empower individuals to become qualified Welding and Fabrication Inspectors at both Level 1 and Level 2.



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### **ABOUT Welding Inspectors**

Level 1 and Level 2 Certification Our Welding and Fabrication Inspector courses are designed to provide in-depth knowledge and hands-on training to individuals aspiring to become proficient inspectors. These programmes cover a wide range of topics, including welding processes, codes and standards, defect identification, inspection techniques, and quality control. Upon successful completion of these courses, individuals can earn internationally recognised certifications, making them well-prepared to take on the responsibilities of welding inspection roles in various industries.

IWIP-B + ASME IX + AWS D1.1 = Welding and Fabrication Inspector Level 1

SAQCC Competent Persons (CP) and Inspector of Pressure Equipment (IPE)

In addition to IIW certifications, SAIW offers training and preparation for the South African Qualification & Certification Committee (SAQCC) Competent Persons (CP) and Inspector of Pressure Equipment (IPE) certifications. These credentials are crucial for individuals seeking to specialise in the inspection of pressure equipment and demonstrate their competence in ensuring the safe operation of pressure vessels, boilers, and related equipment. These certifications are highly regarded within South Africa's industrial landscape.







## Welding Inspection

### A key step to becoming a Qualified Welding Inspector

The SAIW's INTRODUCTION TO WELDING INSPECTION COURSE gives candidates with no industry experience (or who do not meet the entry requirements to the SAIW Welding and Fabrication Inspector Level 1 i.e. Matric with 50% in Maths and Science), the ability to quickly familiarise themselves with welding quality control.

### THE COURSE PROVIDES TRAINING ON:

THE GOOKSET ROVIDES TRAINING ON.						
1	An introduction to welding terminology					
2	Description of common welding processes					
3	Material science					
4	Inspection techniques and defects					
5	Welding and fabrication codes					
6	Quality control documentation					
7	Basic mathematics and science					

### **PRICING** (Including VAT)

Corporate Member R 11 024
Non-Corporate Member R 11 978



### GET ALL YOUR MONEY BACK! SEE PAGE 11

The good news is mastering these skills will serve as a gateway to a career in Welding Quality Control and Inspection.



Completing this training will fast track your Welding Inspection learning curve and boost your ability to pass the SAIW Welding and Fabrication Inspector Level 1 course!



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## Welding Inspection

**The Course Is intended to** prepare you for the SAIW Welding and Fabrication Inspector Level 1 course. We are so confident about this that if you fail your SAIW Introduction To Welding Inspection course, we will give you the first rewrite for free!

Course duration: 10 days

**PRICING** (Including VAT)

Corporate Member R 11 024
Non-Corporate Member R 11 978

\*Prices subject to change

IF YOU PASS THIS
COURSE, YOU WILL
GET THE FULL PRICE
OF THIS COURSE, AS A
DISCOUNT, OFF YOUR
SAIW LEVEL 1 COURSE
if you take up this offer
within 12 months of
completing this course.

### Course Schedule | Introduction to Welding Inspection

JOHAN	JOHANNESBURG									
WEEK	COURSE INFORMATION	HRS	JHB 01	JHB 02	JHB 03	JHB 04	JHB 05			
1	Introduction to Welding Processes Metallurgy	40	19-23 Jan	13-17 Apr	25-29 May	31 Aug - 04 Sep	09 -13 Nov			
	Metallurgy									
	Visual Inspection			n 20-23 Apr	01 -04 Jun	07-10 Sep				
2	Welder Qualifications	32	26-29 Jan				16-19 Nov			
2	NDT Reports	32					10-19 1100			
	Materials Test Certificates									
Examination			30 Jan	24 April	05 May	11 Sep	20 Nov			

<sup>\*</sup> Contact elizabeth.shole@saiw.co.za who will put you on the waiting list. As soon as there are five prospective students, a course will be scheduled



### 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.

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## Welding and Fabrication Inspector Level 1

### 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.



# Welding and Fabrication Inspector Level 1

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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### **SAIW**

### **Welding and Fabrication Inspector Level 1**

### **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

JOHAN	JOHANNESBURG									
WEEK	COURSE INFORMATION	HRS	JHB 01	JHB 02	JHB 03	JHB 04	JHB 05	JHB 06	JHB -7	
	Terms & Definitions									
1	Welding Processes	40	12-16 Jan	16-20 Feb	04-08 May	08-12 Jun	20-24 Jul	07-11 Sep	19-23 Oct	
	Welding Defects									
	Materials			09-13 Mar	01-05 Jun	29Jun - 03Jul	17-21 Aug	05-08 Oct		
	Welding Symbols								26-30 Oct	
2	Visual Inspection	40	02-06 Feb							
	Inspection Reports & Regulations									
	Welder Qualifications									
3	Welding Safety	40	02-06 Mar	20-24 Apr	22-26 Jun	27-31Jul	14-18 Sep	02-06 Nov	30 Nov -	
3	Quality Assurance/ Quality Control	02-00 Mai	20-24 Api	22-20 Juli	27-31Jul	14-16 Sep	02-06 1100	04 Dec		
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			
	Terms & Definitions							
1	Welding Processes	40	23-27 Feb	06-10 Jul	12-16 Oct			
	Welding Defects							
	Materials	40	02-06 Mar	13-17 Jul				
2	Welding Symbols				19-23 Oct			
2	Visual Inspection				19-23 OCI			
	Inspection Reports & Regulations							
	Welder Qualifications							
3	Welding Safety	40	23-27 Mar	17-21 Aug	16-20 Nov			
	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			

# SAIW Welding and Fabrication Inspector Level 2

JOHANNESBURG, DURBAN, CAPE TOWN AND SECUNDA





SAIW Welding & Fabrication Level 1 qualification

### 0 0

### **Course Outline**

- **WEEK 1** Construction and Design
  - Materials Technology II
- WEEK 2 Destructive Testing
  - Non-Destructive Testing
- WEEK 3 Heat Treatment
  - Inspection and Quality Assurance
- **WEEK 4** Procedure Qualification
  - Fabrication Applications Engineering
  - Legal Knowledge
- **WEEK 5** Examinations

### **Course Information**

The SAIW Welding Inspector training programmes are tailored to meet industry requirements for welding inspection personnel involved in the fabrication, petrochemical, refinery, process plant, power generation, construction and other industries.

The SAIW Welding and Fabrication Inspector Level 2 training programme is essential to complete the training and education requirements for most welding inspectors. It provides added knowledge of materials technology and the impact of welding on materials. Heat treatment requirements of the major codes of construction are covered as are destructive testing and non-destructive testing of welded joints. The course is essential for inspectors working in the fabrication, petrochemical, refinery, process plant, power generation, construction and other industries.

Inspectors with this qualification are prepared for approval for code compliance of welding procedures. With suitable experience the Inspector will also be prepared to take on inspection management responsibilities.

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### **SAIW**

### Welding and Fabrication Inspector Level 2

- Incorporating IIW IWI Standard



Course duration: 20 days + 3 days revision + 2 days exams

**PRICING** (Including VAT)

Corporate Member R 52 152 Non-Corporate Member R 56 286

\*Prices subject to change

Students having successfully completed the SAIW Welding and Fabrication Inspector Level 2 Inspector course may qualify for the internationally recognised IIW IWI Standard level diploma, subject to the requirements:

- 1 Both SAIW Level 1 and Level 2.
- 2 At least twenty years of age.
- 3 Have at least two years of relevant practical experience.
- Students who qualified as SAIW Welding and Fabrication Inspector Level 2 before 2010 have to complete an extra 2 day module and exam in construction and design. (Details on application).
- 5 SAIW Welding and Fabrication Level 1 + Level 2 + Oral + 2 Years = IWIP-S.



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## Welding and Fabrication Inspector Level 2



Course Schedule | SAIW Welding and Fabrication Inspector Level 2

JOHAI	NNESBURG, SECUNDA, DURBAN, CA	APE TO	WN							
WEEK	COURSE INFORMATION	HRS	JHB 01	JHB 02	SEC 01	DBN 01	CPT 01			
1	Construction and Design	40	16-20 Feb	27-31 Jul	11-15 May	10 17 1	10. 22 May			
'	Materials Technology II	40	10-20 Feb	27-31 Jul	11-15 May	13-17 Apr	18-22 May			
2	Destructive Testing	40	09-13 Mar	17-21 Aug	08-12 Jun	11-15 May	25-29 May			
2	Non-Destructive Testing	40			06-12 Juli	II-15 May	25-29 May			
3	Heat Treatment	40	23-27 Mar	7 11 Can	29 Jun -	08-12 Jun	22-26 Jun			
3	Inspection and Quality Assurance	40		7-11 Sep	03 Jul					
	Procedure Qualification		04-08 May	05-08 Oct	20-24 Jul	22-26 Jun	29 Jun - 03 Jul			
4	Fabrication Applications Engineering	40								
	Legal Knowledge									
	Procedure Qualification			02-04 Nov	03-05 Aug		20-22 Jul			
5	Fabrication Applications Engineering	40	01-03 Jun			03-05 Aug				
	Legal Knowledge									
	Exam		04-05 Jun	05-06 Nov	06-07 Aug	06-07 Aug	23-24 Jul			

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### International Welding Inspection Personnel - Comprehensive (IWIP-C)

TECHNOLOGY/INSPECTION
JOHANNESBURG, DURBAN, CAPE TOWN AND SECUNDA

### **Course Information**



### **Entry Requirements**

- ✓ IWI-S Level diploma plus 2 years experience at IWI-S Level
- Persons holding the IWE or IWT qualification are exempt from the technology component of IWI C and should contact SAIW training administration for details of a special course which covers only the inspection content of IWIP Basic, IWI Standard and IWI Comprehensive

The IWIP Comprehensive course is the most prestigious and the highest level of the IWIP courses. For candidates who have successfully completed the IWIP Standard course and are in possession of two years' Welding Inspection experience at the Standard level are eligible for the Comprehensive course.

On completing the course, inspectors will have extensive knowledge of welding and inspection theory and application. The course is presented in modular form similar to IWIP Standard and IWIP Basic i.e. there is a Technology module and an Inspection module that have to be successfully completed in order to attain the IWIP Comprehensive certificate.

Successful IWIP Comprehensive candidates will be able to manage all Inspection activities; supervise IWIP Basic and IWIP Standard personnel developing and then giving them appropriate (on-the job) instructions and act as technical experts for the inspection function.

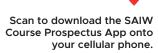
People holding the IWT or IWE qualifications are exempt from the IWIP Comprehensive Technology module but are required to complete all the Inspection modules that is Basic Level, Standard Level and Comprehensive Level. SAIW will arrange appropriate courses subject to demand for IWE and IWT's.

### **Course Outline**

- Advanced Welding Processes
- Materials Technology
- Construction and Design
- Fabrication, Application, Engineering
- Testing of Welds
- QA/QC



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# Competent Persons

The SAIW Competent Person (CP) or Inspector of Pressurised Equipment (IPE) courses are ideal for persons intending to work as inspectors for an Approved Inspection Authority (AIA). The CP courses are suitable for engineering personnel responsible for in-service inspection requirements, whilst the IPE courses are suitable for engineering personnel responsible for newly built or repaired equipment according to the Pressure Equipment Regulations (PER).

After completion of the courses at SAIW the individual will gain his required practical experience (10 vessels or 10 boilers) at an Authorised Inspection Authority (AIA).

The CP Steam Generator (CP-SG) and CP Pressure Vessel (CP-PV) are authorised inspectors of in-service equipment, whilst IPEs are authorised inspectors on newly built or repaired components for Pressure Equipment.

	Compete	nt Persons	Inspector of Pressurised Equipment		
			Inspectors Level 1 (4-week course)		
Theory	CP-PV (3-week course)	CD CC (2 wools course)	Inspectors Level 2 (5-week course)		
+		CP-SG (2-week course)	RT Interpreters (2-week course)		
			ASME (2-week course)		
Experience	10 Vessels (AIA)	10 Vessels (AIA)	10 Vessels (AIA)		
=	CV	CV	CV		
Certified	Certified CP-PV	Certified CP-SG	Certified IPE		

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### Competent Persons

The CP certification will ensure that the user's responsibility in terms of the in-service inspection requirements of the Pressure Equipment Regulations (PER) are appropriately managed.

The IPE certification will ensure that the local fabricator or importer's responsibility in terms of the newly built or repaired inspection requirements of the Pressure Equipment Regulations (PER) are appropriately managed.

Both CP and IPE are certified personnel as required by the South African Department of Employment and Labour according to the Occupational Health and Safety Act.

CPs and IPEs are required to be certified by the SAQCC CP or SAQCC IPE certification bodies and it is an essential requirement that the candidates have successfully completed an approved training course for certification.

Scope - CPs

Successful candidates will have a basic knowledge of common welding processes used in Steam Generator or Pressure Vessel manufacture and repair and the defects that may occur in original manufacture; have gained knowledge and understanding of the defects that arise in service and possible equipment failure mechanisms; have gained knowledge of the suitability of NDT test methods; understand the roles and responsibilities of the user, the AIA in-service and the competent person inspector in complying with the in-service inspection requirements of the PER and have sufficient technical knowledge to be able to perform in-service inspection.

Scope - IPEs

Successful candidates will have extensive knowledge of common welding processes, weld metallurgy, heat treatment, NDT methods and welding coordination used in the fabrication and repair of steam generator and pressure vessels.

The candidate will be able to verify correct welders and welding procedures and be able to interpret and evaluate radiographs. The candidate will review data packs and sign them off on behalf of the AIA.

The IPE will understand the roles and responsibilities of the fabricator, the AIA for new and repaired pressure equipment. He will also liaise with the CP before the components are placed back in-service and the competent person inspector in complying with the in-service inspection requirements.

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### Gompetent Persons

**Course Information** 



### **Entry Requirements**

- Matric OR
- Successful completion of the SAIW Introduction Introduction to Inspection Course **OR**
- Two years professional welding experience **OR**
- Gr. 10 plus a pass in an SAIW proficiency test **OR**
- Welding Inspection Level 1 qualification

### **Steam Generators**

Course duration: 10 days

**PRICING** (Including VAT)

Corporate Member R 28 090 Non-Corporate Member R 30 316

### **Pressure Vessels**

Course duration: 15 Days

PRICING (Including VAT)

Corporate Member R 37 630 Non-Corporate Member R 40 704

\*Prices subject to change

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### **Competent Persons**

### **Course Schedule | Competent Persons Steam Generators**

JOHANI	NESBURG, DURBAN			
WEEK	COURSE INFORMATION	HRS	JHB 01	DBN 01
1	Legislation	10	20 lun 02 lul	07.11.000
1	PER Codes and Standards	40	29 Jun - 03 Jul	07-11 Sep
2	Legislation	22	00.00 1	14 17 Com
2	PER Codes and Standards	32	06-09 Jul	14-17 Sep
	Exam		10 Jul	18 Sep

### **Course Schedule | Competent Persons Pressure Vessels**

JOHANNESBURG, CAPE TOWN, DURBAN							
WEEK	COURSE INFORMATION	HRS	JHB 01	CPT 01	DBN 01		
	API 510 Inspection of Pressure Vessels						
	API RP 572 Inspection Practice For Pressure Vessels						
1	API RP 571 Damage Mechanisms Affecting Fixed Equipment in the Refining Industry	40	26-29 Jan	*On request	11-14 May		
	API RP 577 Welding Processes, Inspection and Metallurgy						
	Exam		30 Jan		15 May		
	NB-23 National Board Inspection Code- Part 2 - Inspection						
2	ASME PCC-2 Repair of Pressure Equipment and Piping	40	09-12 Feb	*On request	10 21 May		
2	API RP 580 Risk-based Inspection	40			18-21 May		
	API 579 Fitness for Service						
	Exam		13 Feb		22 May		
	PER- Pressure Equipment Regulations						
3	SANS 347 - Categorization and Conformity Assessment Criteria for all Pressure Equipment	24	23-26 Feb	*On request	01-04 Jun		
3	SANS 10227 - Criteria for the Accreditation of Approved Inspection Authorities Performing Inspection in Terms of the Pressure Equipment Regulations				OI-O4 Juli		
	Exam		27 Feb		05 Jun		

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