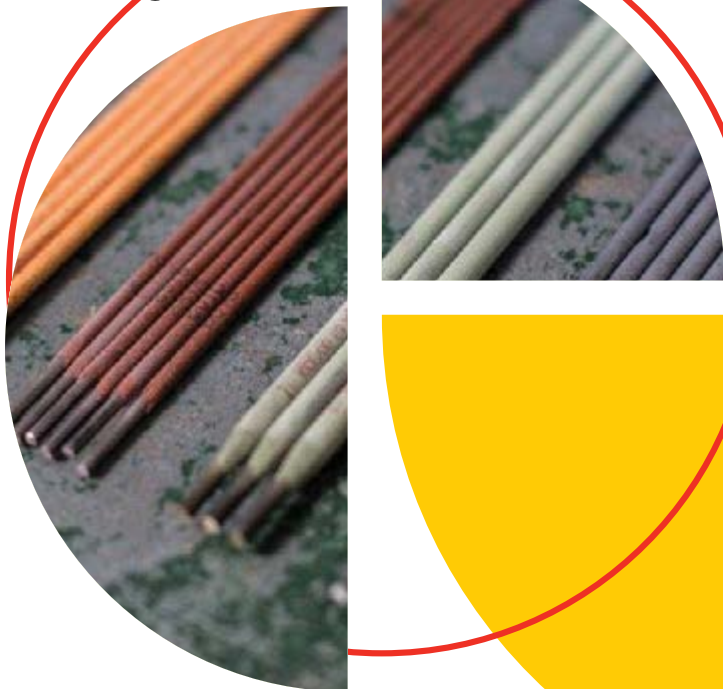


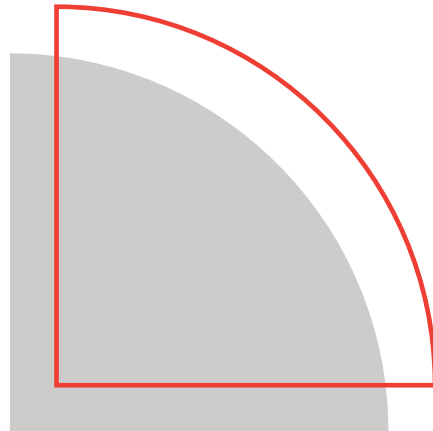
# GENERAL INFORMATION 2024



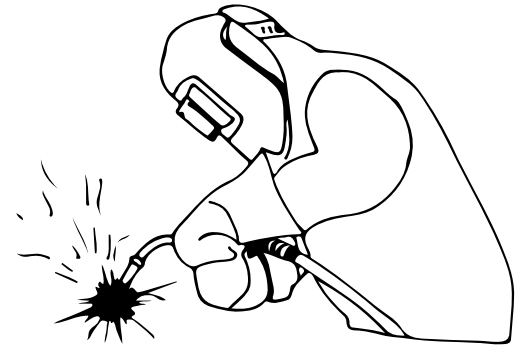
## TABLE OF CONTENTS

|  |       |
|--|-------|
| Focused Approach to 2024 Course Offering . . .   | 3-5   |
| Online System.....   | 6     |
| Booking Procedure.....   | 7     |
| Code of Conduct for Students attending SAIW<br>Training Programmes and Examinations..... | 9     |
| Contact Details & Directions .....   | 10    |
| Bookings & Queries Contact Details.....  | 12    |
| Banking Details.....   | 13    |
| Become an SAIW Member.....   | 14-15 |
| Material Testing Laboratory .....  | 16-19 |

SAIW offers industry developed training programmes, which aim to provide the candidates with the necessary skills to meet industry needs. Our skills programme is in the process of being registered with the relevant QCTO, and once registered, may be recognised as part qualifications and contribute credits towards NQF aligned qualifications.



# FOCUSED APPROACH TO 2024 COURSE OFFERING



**RATIONALISED NUMBER OF COURSES MEANS STUDENTS SHOULD PLAN AHEAD AND BOOK TODAY!**

The aftershocks of the COVID-19 pandemic and resultant shifts in student numbers and their availability have seen the SAIW rationalise its current approach so that although the number of scheduled courses we offer remains exactly the same, but 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 2024!

**(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 streamline 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.

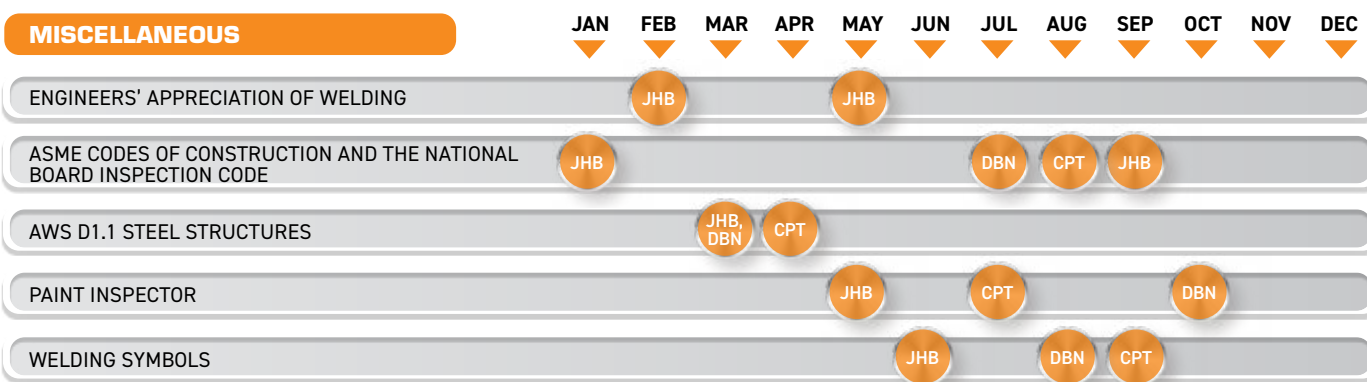
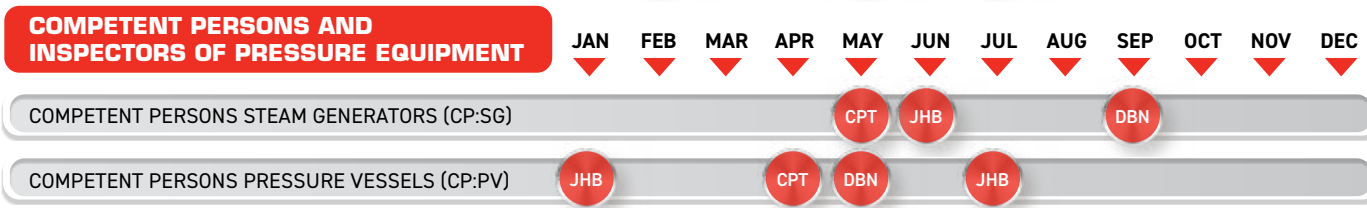
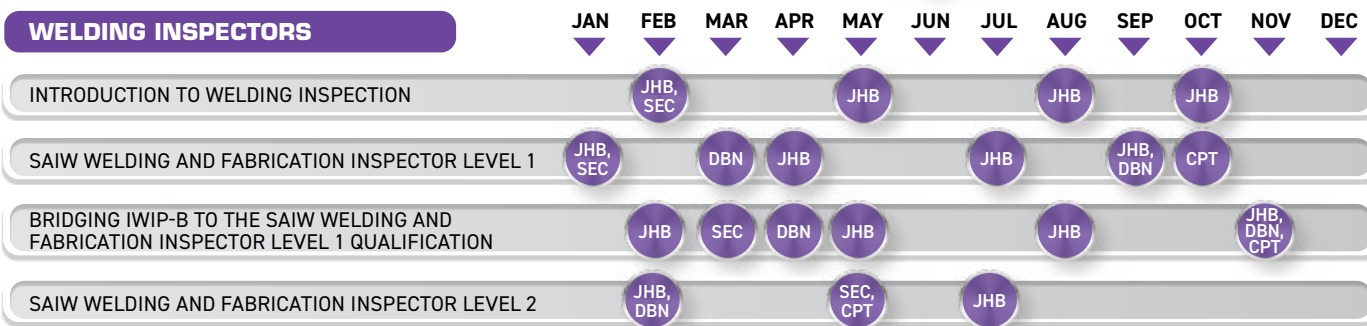
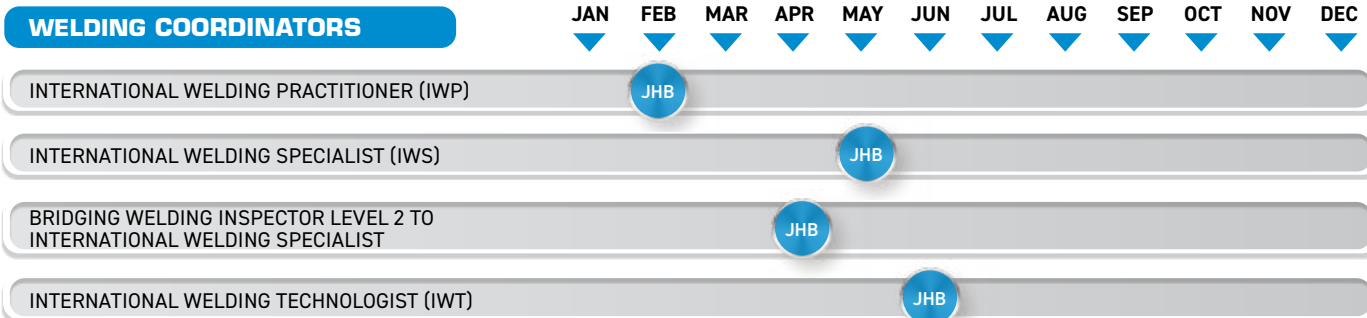
## Plan ahead

The more streamlined and cost-effective approach means that students need to plan their training schedule for 2024 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 are required per course to run. As soon as the minimum number of people have booked in your region, the course will be scheduled.

# SAIW 2024 COURSE START DATES AT A GLANCE....



## NON-DESTRUCTIVE TESTING (NDT)

### PENETRANT TESTING

LEVEL 1

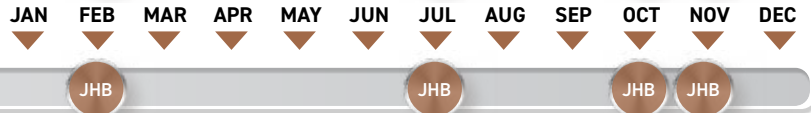


LEVEL 2



### MAGNETIC PARTICLE TESTING

LEVEL 1

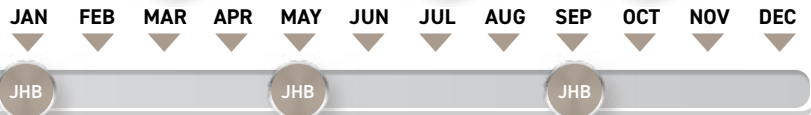


LEVEL 2



### VISUAL TESTING

LEVEL 1

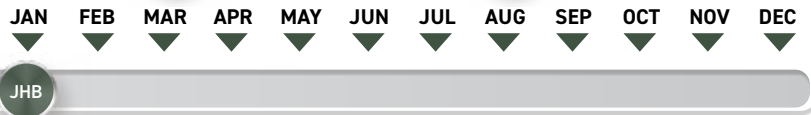


LEVEL 2



### RADIOGRAPHIC TESTING

LEVEL 1



INTERPRETERS LEVEL 2

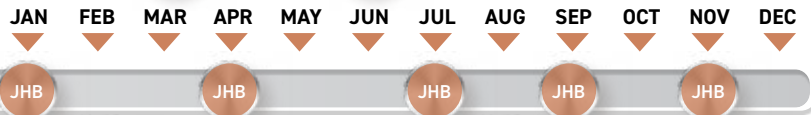


LEVEL 2

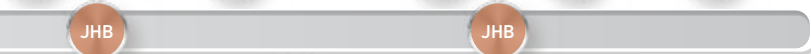


### ULTRASONIC TESTING

WALL THICKNESS LEVEL 1



LEVEL 1

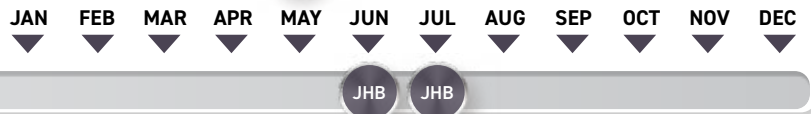


LEVEL 2



### EDDY CURRENT TESTING

LEVEL 1 SURFACE



LEVEL 1 TUBES



LEVEL 2 SURFACE



LEVEL 2 TUBES



# ONLINE SYSTEM

- 1 ▶ Go to [www.saiw.co.za](http://www.saiw.co.za)
- 2 ▶ Click on – REGISTER FOR A COURSE

## NEW STUDENTS

(if you have not done training through the SAIW in the past)

1. Click on NEW STUDENT REGISTRATION - Complete required information (full names, email address and ID)
2. You will receive an email with a link to follow, which will allow you to complete your personal profile.
3. This request will be sent to the SAIW student management system for acceptance.
4. After acceptance, you will receive an email with login details.

## RETURNING STUDENTS

1. **Pre-2018:** Use your student number as both your USERNAME and PASSWORD, and complete the security code (CAPS only)
  2. **2018 onwards:** Use your student number as your USERNAME and your ID number as your PASSWORD, and complete the security code (CAPS only)
1. When you enter your username (student number), password (ID number) and security code (CAPS ONLY), you will log onto your personal profile dashboard.
  2. Click on the course booking icon (green icon). This will open a screen where you will be able to select the course type (drop down menu).
  3. Select course (eg: Magnetic Particle Testing Level 1; Welding & Fabrication Inspector Level 1; etc.) - this will open the available dates.
  4. Select either the full course by selecting the small block on the far right, or if you want to do the course in the modular format (selected courses only), by selecting the small block to the right of the modules you want to do.  
**NB: You will not be able to select the final module of a course (Inspection courses) until you have booked/completed all the other modules.**
  5. You will be prompted to select the person responsible for payment (Company details required for company payments).
  6. You will be required to submit your documents (application form, ID, and required access conditions).
  7. After submitting your documents, select save and continue.
  8. The request for booking will be sent to the SAIW administration offices.
  9. Once accepted by the administration offices you will receive a quote via email.

IF YOU ARE AN EXISTING STUDENT OR HAVE INTERACTED WITH SAIW IN THE PAST, AND YOU HAVE FORGOTTEN YOUR STUDENT NUMBER, PLEASE CALL 011 296 2100 TO GET YOUR LOGIN DETAILS. PLEASE DON'T CREATE A NEW ACCOUNT IF YOU ARE UNSURE AS THIS WILL CAUSE ISSUES WHEN BOOKING A COURSE AND POSSIBLE DELAYS IN OBTAINING RESULTS.

Enter the User Name #

Enter the Password #

Type the code from is WB4110

**LOGIN**

Forgot Password?

NEW STUDENT REGISTRATION

REGISTER AS A COMPANY

## MAKING A PAYMENT

1. Once you are ready to make payment (minimum of 5 working days before the course start date), you can log onto your profile and click on the pink icon (Course Payment).
2. You can then select your payment type & upload the proof of payment.
3. Once the SAIW accounts department has verified your payment, the system will generate a booking confirmation, which will be sent to you via e-mail. Required on day course commences.
4. **Note that payments received less than 5 working days prior to a course may mean that you are not guaranteed a place**

### PAYMENT METHODS

1. EFT
2. Bank Deposit
3. Credit Card
4. PayFast
5. MobiCred

# BOOKING PROCEDURE

- Please ensure that you comply with the course access conditions prior to enrolling for the course.
- Refer to the access conditions throughout the prospectus.
- Further information is available on the SAIW website: [www.saiw.co.za](http://www.saiw.co.za).
- Full payment is to be made prior to the commencement of the course and exam.
- All prices indicate the combined total for both the training and initial qualification examination costs.

Please contact SAIW at [elizabeth.shole@saiw.co.za](mailto:elizabeth.shole@saiw.co.za) should you experience any difficulty with the self-help online registration.

**ALL PRICES QUOTED INCLUDE VAT**

## PLEASE NOTE THAT:

Once we have received all correct documents and payment has been confirmed, you will receive, via email, a "Booking Confirmation Notice". This booking confirmation notice will include the date of the course, venue and full address.

Please bring your booking confirmation on the first day of your course.

**Your place on the course is not guaranteed unless you have this "Booking Confirmation Notice".**

## DOCUMENTATION REQUIRED FOR COURSE ENROLMENT:

1. "Course Enrolment Application Form" – completed in full.
2. Confirmation of full payment.
3. Legible copy of highest academic qualifications (school, college, university, etc.) and / or pass mark in proficiency test (>70%).
4. Legible copy of ID or Passport.
5. Confirmation of the preceding Level qualification (training record and examination result letter) is required, if applicable.
6. CV (only IIW courses).

## WHAT YOU NEED TO BRING ALONG:

1. Copy of your ID or Passport.
2. Stationery, e.g. pen, pencil, note book, eraser and highlighter and scientific calculator.
3. Copy of the booking confirmation letter.
4. A 100% attendance of the course is mandatory.
5. 1 Colour ID photo (only for NDT courses).

## CANCELLATION OF TRAINING

1. The SAIW reserves the right to cancel the holding of a course at short notice, should student numbers not meet our minimum course requirements. Candidates shall be informed of the cancellation **TWO WEEKS** prior to the training start date and arrangements will be made to book the candidate on the next available course. Should the student/applicant decide the alternative arrangement is unsuitable, the full course fees will be reimbursed in these circumstances. Personal costs relating to accommodation and travelling cannot be claimed.
2. If the course booking is cancelled by the applicant prior to the training start date, a cancellation charge of 4% (plus VAT) of the course fees will be charged by the SAIW as an administration fee and the balance of the fees refunded to the applicant. In these circumstances only the balance of the course fees will be reimbursed and no personal costs relating to accommodation and travelling may be claimed by the applicant.

# Code of conduct





# CODE OF CONDUCT

## FOR STUDENTS ATTENDING SAIW TRAINING PROGRAMMES AND EXAMINATIONS

STUDENTS ARE REQUIRED TO EXHIBIT GOOD BEHAVIOUR WITHIN THE SAIW CAMPUS AND RELATED VENUES

1

All students and staff members must be treated with respect.

2

Students are required to comply with any reasonable instruction given by a SAIW staff member.

3

Threatening or disruptive behaviour, harassment or other similar poor behaviour is unacceptable.

4

Shouting, swearing or offensive language is unacceptable.

5

Dishonesty or cheating in training tests or examinations are not tolerated.

6

At least 90% attendance is mandatory.

### DRESS CODE

**Practical Welding:** Safety clothes (safety boots, full overalls with long sleeves, gloves and helmet)

**Any other course:** Long pants, shirt and closed shoes.



### Conditions of entering SAIW

- The **SAIW** reserve the right to search any person at any time and to inspect any containers, vehicles, etc. taken into or out of the **SAIW** premises.
- No intoxicated person is permitted to enter the **SAIW** premises.
- No explosives or firearms or other dangerous weapons are permitted on the premises.

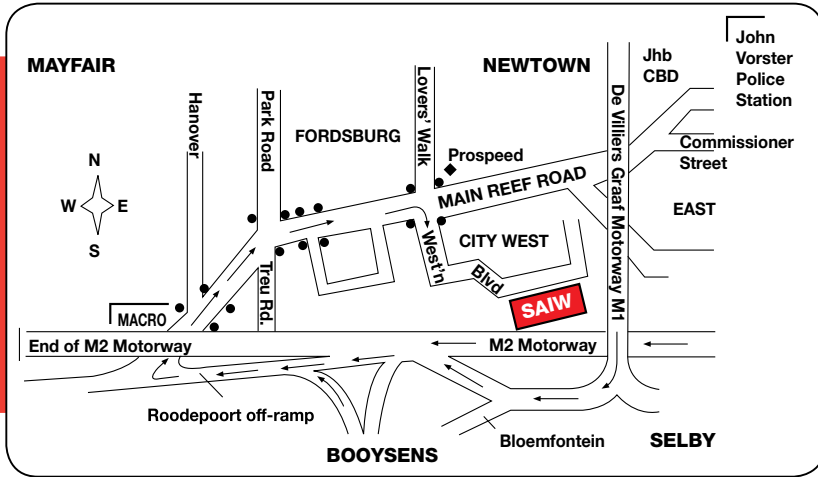
Students are reminded that firearms and/or other dangerous weapons are not permitted with the SAIW campus.

Please refer to the website [www.saiw.co.za](http://www.saiw.co.za) for a full version of our Code of Conduct and Policies.



# SAIW

## CONTACT DETAILS & DIRECTIONS



### JOHANNESBURG (HEAD OFFICE)

GPS co-ordinates: 26°12'39.6''S 28°01'35.8''E

Southern African Institute of Welding  
52 Western Boulevard, off Main Reef Road  
City West, Johannesburg

P O Box 527, Crown Mines, 2025

Tel: +27 (0)11 298 2100

### CAPE TOWN, SECUNDA AND MIDDELBURG

The venue for courses in will be announced on confirmation of course.

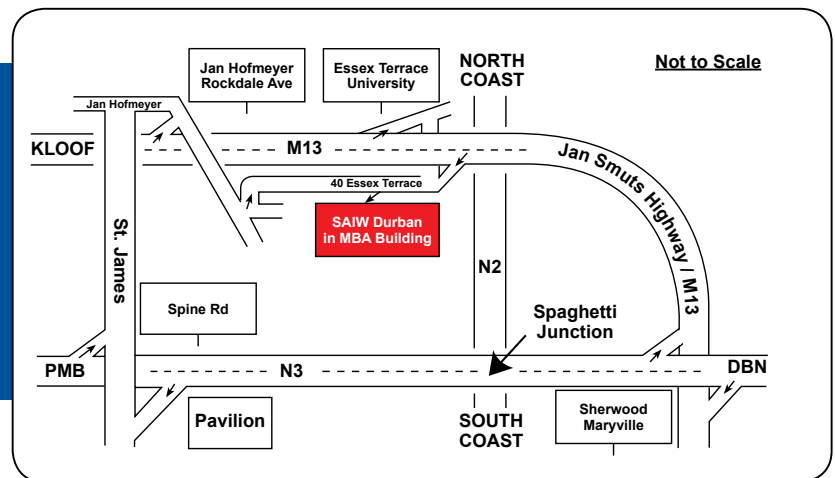
### DURBAN

GPS co-ordinates: 29°49'49.8''S 30°57'03.6''E

40 Essex Terrace, Westville, 3629

P O Box 527, Crown Mines, 2025

Tel: +27 (0)11 298 2100





# **BOOKINGS & QUERIES**

## **CONTACT DETAILS**

|                               |                      |
|-------------------------------|----------------------|
| Training                      | training@saiw.co.za  |
| Practical Welding             | welding@saiw.co.za   |
| Examinations                  | exams@saiw.co.za     |
| Qualification & Certification | qualcert@saiw.co.za  |
| Company Audits                | iso3834@saiw.co.za   |
| Technical Services            | technical@saiw.co.za |
| Laboratory Testing            | mat.lab@saiw.co.za   |
| Payments / Account            | debtors@saiw.co.za   |
| Invoicing                     | invoicing@saiw.co.za |
| Feedback                      | info@saiw.co.za      |
| Complaints / Compliments      | quality@saiw.co.za   |
| Appeals                       | quality@saiw.co.za   |
| Quality                       | quality@saiw.co.za   |
| Formal interaction            | info@saiw.co.za      |
| Creditors                     | creditors@saiw.co.za |

### **Management**

|   |                               |
|---|-------------------------------|
| Finance & Administration                | michelle.warmback@saiw.co.za  |
| Training                                | mark.digby@saiw.co.za         |
| Practical Welding                       | confidence.lekoane@saiw.co.za |
| Technical Services                      | confidence.lekoane@saiw.co.za |
| Company Audit & Certification           | renier.mostert@saiw.co.za     |
| Personnel Examinations                  | harold.jansen@saiw.co.za      |
| Personnel Qualification / Certification | harold.jansen@saiw.co.za      |
| Approved Training Bodies                | harold.jansen@saiw.co.za      |
| Executive Director                      | john.tarboton@saiw.co.za      |



# SAIW **BANKING DETAILS**

**For courses, examinations and re-write examinations**

**Account Name:** South African Institute of Welding NPC  
**Bank:** First National Bank  
**Branch:** Hyde Park  
**Branch Number:** 255 805  
**Account Number:** 505 236 54470

**Reference No.:** Quotation number / Invoice Number /  
Student number / Customer number

**Credit Card facilities available at the SAIW offices**



**Comments,  
Compliments or  
Complaints**

**PLEASE NOTE:** Any comments, compliments or complaints related to:

1. Training can be forwarded to [quality@saiw.co.za](mailto:quality@saiw.co.za)
2. Examination and Certification can be forwarded to [quality@saiw.co.za](mailto:quality@saiw.co.za)
3. Course applications can be forwarded to [elizabeth.shole@saiw.co.za](mailto:elizabeth.shole@saiw.co.za)



# BECOME AN SAIW MEMBER

Membership Benefits apply to members in good standing.

## PRICING (Including VAT)

|             |         |
|-------------|---------|
| Corporate   | R 7 298 |
| Individuals | R 935   |



### VISION

To be the **preferred provider** of welding, NDT and related technology services to industry in Africa to enable economic growth through developing our **National Welding Capabilities**.



### MISSION

To deliver the **highest quality of customer service and technical excellence** in training, technical services and certification of companies and personnel.



### VALUE PROPOSITION

SAIW empowers members to **improve productivity and quality whilst reducing costs** in all welding related manufacturing activities through training and qualification; certification of companies and personnel; and technology transfer.



### PURPOSE STATEMENT

The SAIW is dedicated to the implementation of standards and training in welding fabrication and related technologies to ensure the **reliability and integrity of welded equipment** for the safety of personnel and plant.

## TRAINING

- 7.5% discount on training courses for corporate members
- 7.5% discount on revision and rewrite examinations for corporate members

## CERTIFICATION

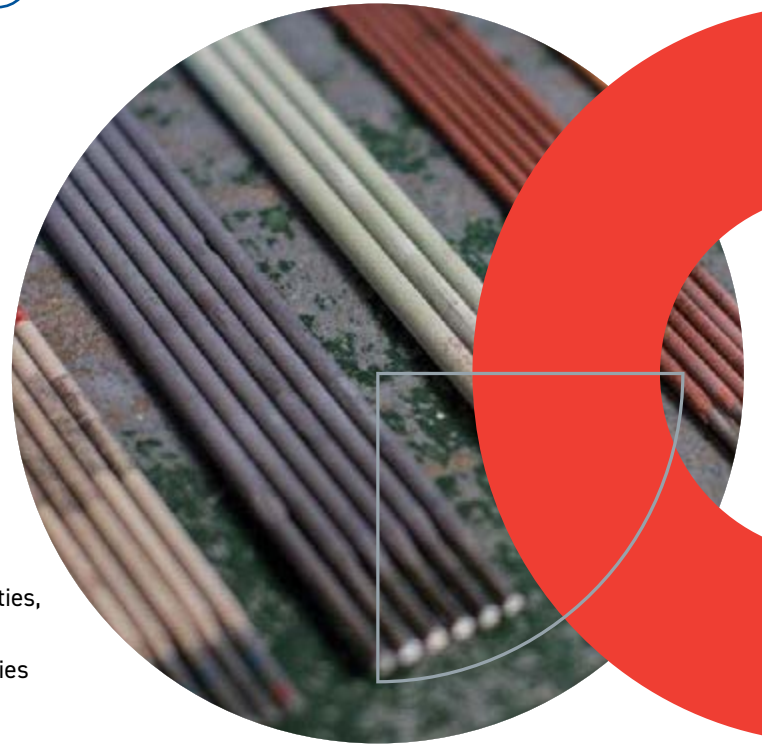
- 5% discount on company certifications
- 5% discount on personnel certifications
- Free remote CPD accumulation for SAQCC CP/IPE personnel
- Free initial audit for ATB application
- Free initial company certification marketing visit

## MARKETING AND MEMBERSHIP

- Use of "Member of SAIW" logo and certificate
- Professional recognition "Member of SAIW"
- Eligible for AGM voting rights and board membership
- For corporate members, free personal membership for up to 10 employees
- 10% discount on advertising rate in African Fusion
- Free African Fusion subscription and free potential editorial in African Fusion
- 10% discount on rates for SAIW facilities
- Access to certified welders database for corporate members
- Access to free listing on SAIW certified welders database for individual members
- Free job adverts on website
- Access to regional SAIW Sports Days for sponsorship opportunities, entertaining customers and networking
- Access to Annual Dinner and associated sponsorship opportunities
- Awards winners marketing "bragging rights"

## TECHNOLOGY

- Free telephonic consulting and code interpretation
- Free independent third party NDT report review
- 5% discount on technical services
- 5% discount on laboratory services
- 10% discount on annual Welding Seminar
- Free monthly cpd technical webinars
- Free access to SAIW library
- Free access to read-only standards
- 5% discount on gauges
- Exclusive access to industry trends, analysis and upcoming project leads



# MATERIAL TESTING LABORATORY





## SAIW HAS A MATERIAL TESTING LABORATORY ON SITE

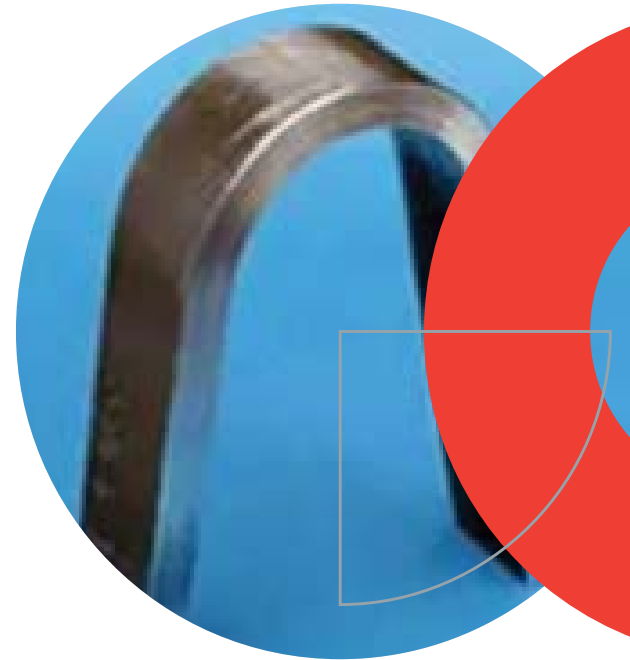
The facility is fully equipped to perform mechanical, metallurgical, and in-house non-destructive testing (NDT) on welds and metallic samples. Our material testing laboratory provides comprehensive testing and consulting services to various industries. These services include weld procedure qualification, welder qualification, welding consumable testing, failure analysis, welding-related research and development, and positive material identification.

| Services                          | Equipment                                     |
|-----------------------------------|---|
| <b>Mechanical testing</b>         |   |
| Tensile & Bend testing            | MTS Criterion 64.305 (300 kN)                 |
| Charpy V notch impact testing     | 450 joule SANS Charpy impact test machine     |
| Vickers Hardness Testing          | emcoTEST Durascan 70 (10 grams to 10 kg load) |
| <b>Chemical Testing</b>           |   |
| Spectrophotic Analysis            | Bruker Q2 Ion spectrometer                    |
| X-Ray fluorescence analysis (XRF) | Bruker S1 Titan XRF analyser                  |
| <b>Metallurgical Testing</b>      |   |
| Microstructural Evaluation        | Visual Examination                            |
| Macrostructural Evaluation        | Radiographic Testing                          |
|                                   | Liquid Penetrant Testing                      |
|                                   | Magnetic Particle Testing                     |

**All equipment needed for test sample preparation is available in house.**

The SAIW material testing laboratory, **laboratory number T0693**, is accredited by SANAS to comply with ISO 17025. The SAIW material testing laboratory is managed by a team of qualified and experienced metallurgists.

**For more information, please contact the administrator on [mat.lab@saiw.co.za](mailto:mat.lab@saiw.co.za) or on 011 298 2104**



# MATERIAL TESTING LABORATORY

| Tests   | Price   |
|---|---------|
| <b>Chemical Analysis</b>  |         |
| Spectrographic analysis (Fe base)                                 | R 445   |
| Spectrographic analysis (Al, Cu base)                             | R 501   |
| <b>On-Site Material Analysis (XRF Analysis)</b>                   |         |
| Call-out Fee (within Gauteng)                                     | R 2 721 |
| Per Material Analysis   | R 110   |
| <b>Tensile Test (Cutting, Machining and Testing)</b>              |         |
| < 25mm thick specimen   | R 657   |
| ≥ 25mm thick specimen   | R 831   |
| <b>Bend Test (Cutting, Preparation and Testing)</b>               |         |
| ≤ 10mm thick specimen   | R 378   |
| > 10mm thick specimen   | R 465   |
| <b>Nick Break Test / Fracture Test</b>                            |         |
| ≤ 10mm thick specimen   | R 465   |
| > 10mm thick specimen   | R 465   |
| <b>Impact Test (Machining, notching and testing per set of 3)</b> |         |
| Room Temperature (>0°C)   | R 756   |
| ≥ -100°C to ≤0°C  | R 942   |
| < -100°C  | R 1 309 |
| <b>Impact Test (Machining, notching and testing per set of 5)</b> |         |
| <b>Consumable/Wire testing</b>                                    |         |
| Room Temperature (> 0°C)  | R 1 260 |
| ≥ -100°C to ≤0°C  | R 1 560 |
| < -100°C  | R 2 181 |

| Tests   | Price   |
|---|---------|
| <b>Hardness Testing</b>                                   |         |
| Single Point (3 indents)                                  | R 186   |
| Weld Hardness Traverse<br>(PM,HAZ,WM,HAZ,PM - 15 indents) | R 756   |
| <b>Macro with hi-resolution digital photograph</b>        | R 593   |
| <b>Micro- structural analysis</b>                         | R 1 186 |
| <b>Post Weld Heat Treatment</b>                           |         |
| ≤ 25mm thick specimen(1-6 hours at temp below 750°C)      | R 721   |
| > 25mm thick specimen(1-6 hours at temperature 750°C)     | R 942   |
| From 6 Hours (Per hour)                                   | R 191   |



[www.saiw.co.za](http://www.saiw.co.za)

Please refer to contacts on page 12

# MATERIAL TESTING LABORATORY

## NDT - Weld Test Pieces Only

| Tests  | Price |
|--|-------|
| <b>Volumetric Testing - Radiography</b>            |       |
| Plate  |       |
| ≤ 25mm thick specimen                              | R 378 |
| > 25mm thick specimen                              | R 454 |
| Pipe   |       |
| ≤ 50mm diameter specimen                           | R 465 |
| > 50mm diameter specimen                           | R 657 |
| <b>Volumetric Testing - Ultrasonic Testing</b>     |       |
| Plate  |       |
| ≤ 25mm thick specimen                              | R 552 |
| > 25mm thick specimen                              | R 552 |
| Pipe   |       |
| ≤ 50mm diameter specimen                           | R 674 |
| > 50mm diameter specimen                           | R 837 |
| <b>Surface Testing - Liquid Penetrant</b>          | R 175 |
| <b>Surface Testing - Magnetic Particle Testing</b> | R 175 |
| <b>Surface Testing - Visual Testing</b>            | R 175 |

PLEASE CONTACT US FOR A QUOTATION FOR ANY OTHER  
METALLURGICAL WORK NOT DETAILED ABOVE

All prices above are exclusive of VAT. Prices may be revised without notice.

[www.saiw.co.za](http://www.saiw.co.za)

Please refer to contacts on page 12



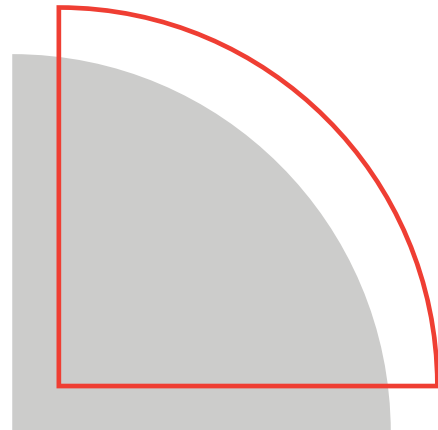
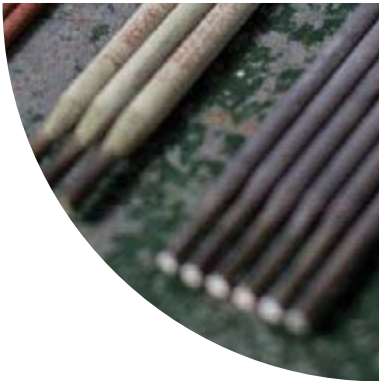
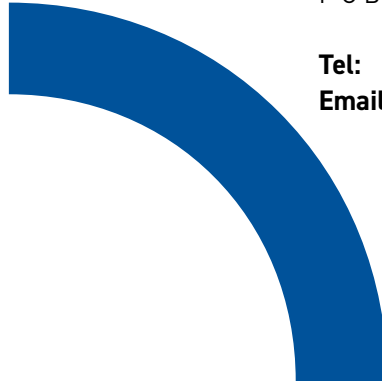


### JOHANNESBURG (HEAD OFFICE)

GPS co-ordinates: 26°12'39.6"S 28°01'35.8"E  
Southern African Institute of Welding NPC.  
52 Western Boulevard, off Main Reef Road,  
City West, Johannesburg  
P O Box 527, Crown Mines, 2025

**Tel: +27 (0)11 298 2100**

**Email: [info@saiw.co.za](mailto:info@saiw.co.za)**



FOLLOW SAIW ON



[www.saiw.co.za](http://www.saiw.co.za)

