

CHOOSE A CAREER 2024

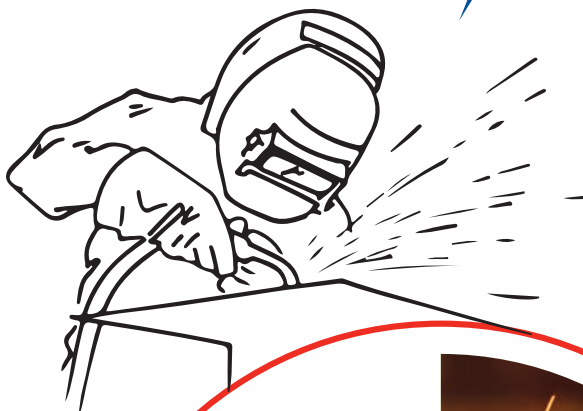
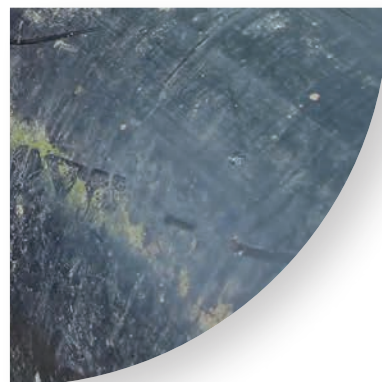
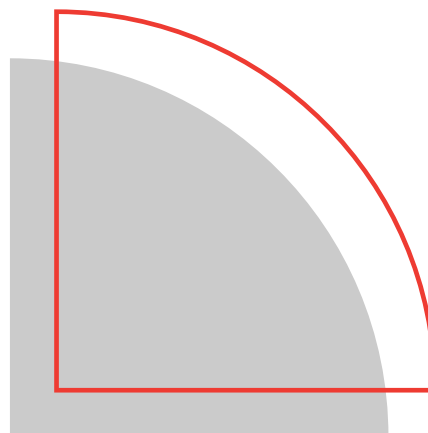


TABLE OF CONTENTS

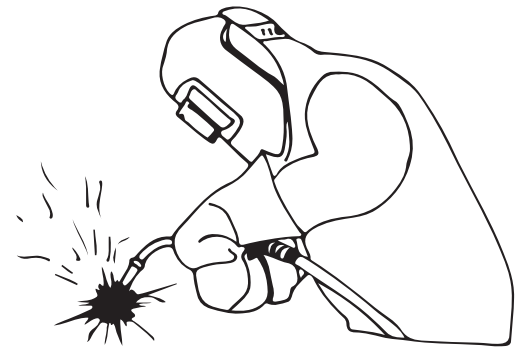
Focused Approach to 2024 Course Offering . . .	3-5
Bookings & Queries Contact Details	6
How can SAIW Power your Career	9
Choose a Career in Welding!	10-11
SAIW Course World	12
Would you like to become a Welding Inspector?	13
Career Plan for Fabricator Inspectors	14
Career Plan for In-Service Inspectors	15
All Re-write Examinations Booking Procedures	16
Cancellation of Re-write Examination Policy . . .	17
Re-write Examinations	18
NDT Re-write Examinations	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.

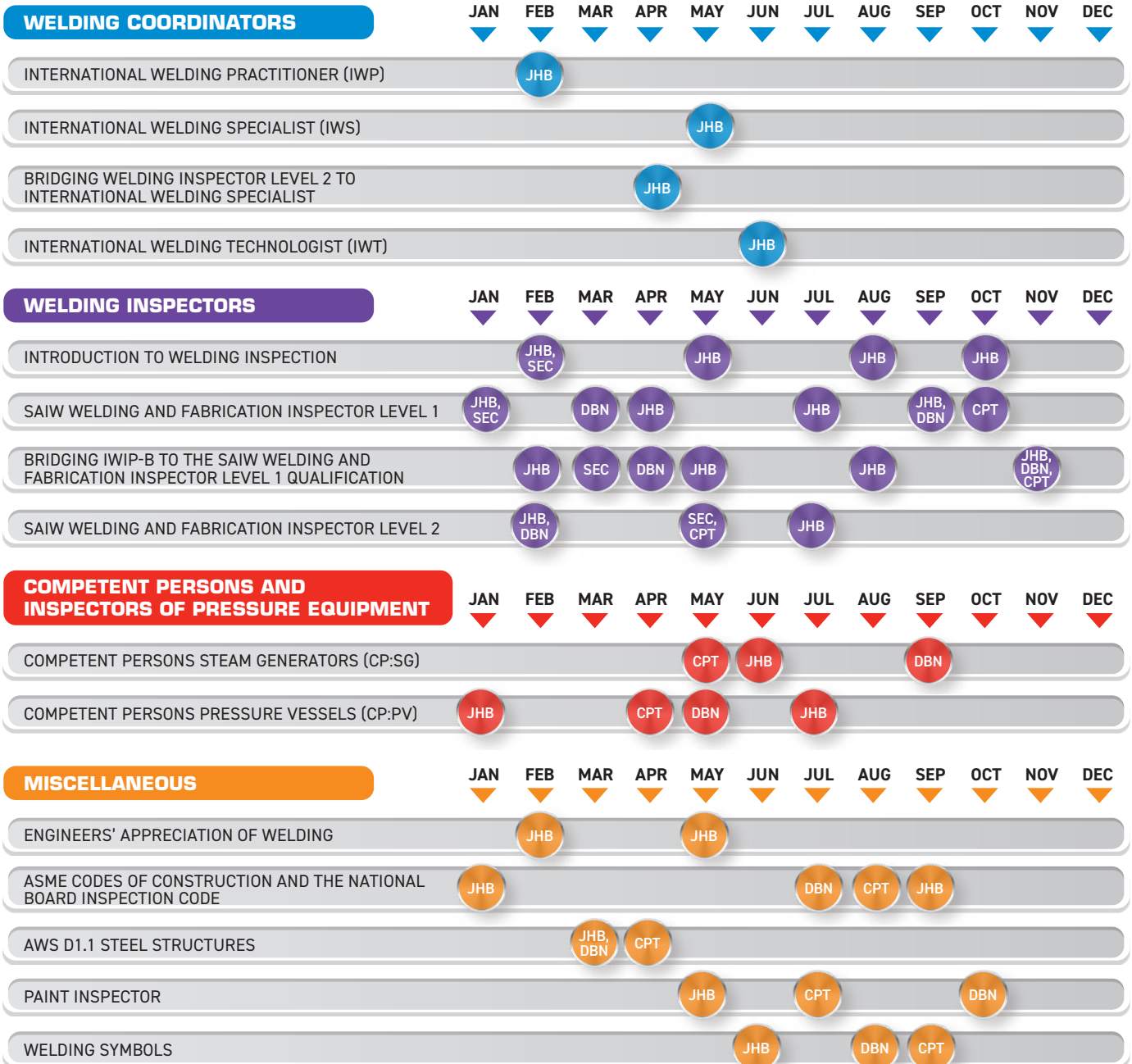
Plan ahead

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

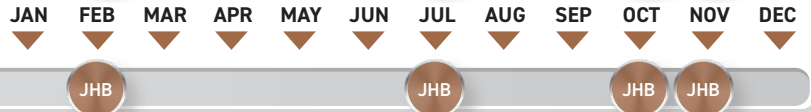


LEVEL 2



MAGNETIC PARTICLE TESTING

LEVEL 1

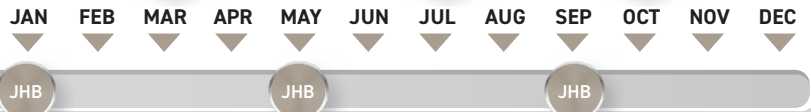


LEVEL 2



VISUAL TESTING

LEVEL 1

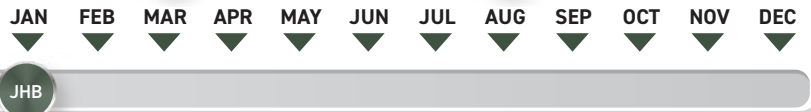


LEVEL 2



RADIOGRAPHIC TESTING

LEVEL 1



INTERPRETERS LEVEL 2

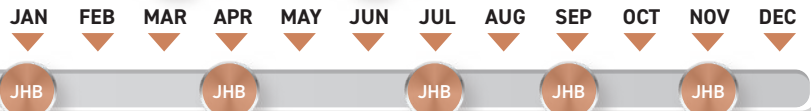


LEVEL 2

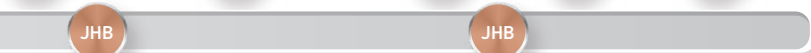


ULTRASONIC TESTING

WALL THICKNESS LEVEL 1



LEVEL 1

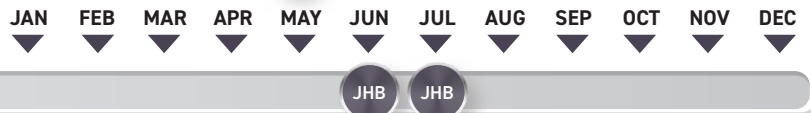


LEVEL 2



EDDY CURRENT TESTING

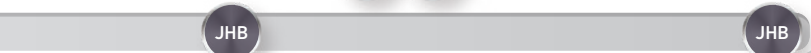
LEVEL 1 SURFACE



LEVEL 1 TUBES



LEVEL 2 SURFACE



LEVEL 2 TUBES



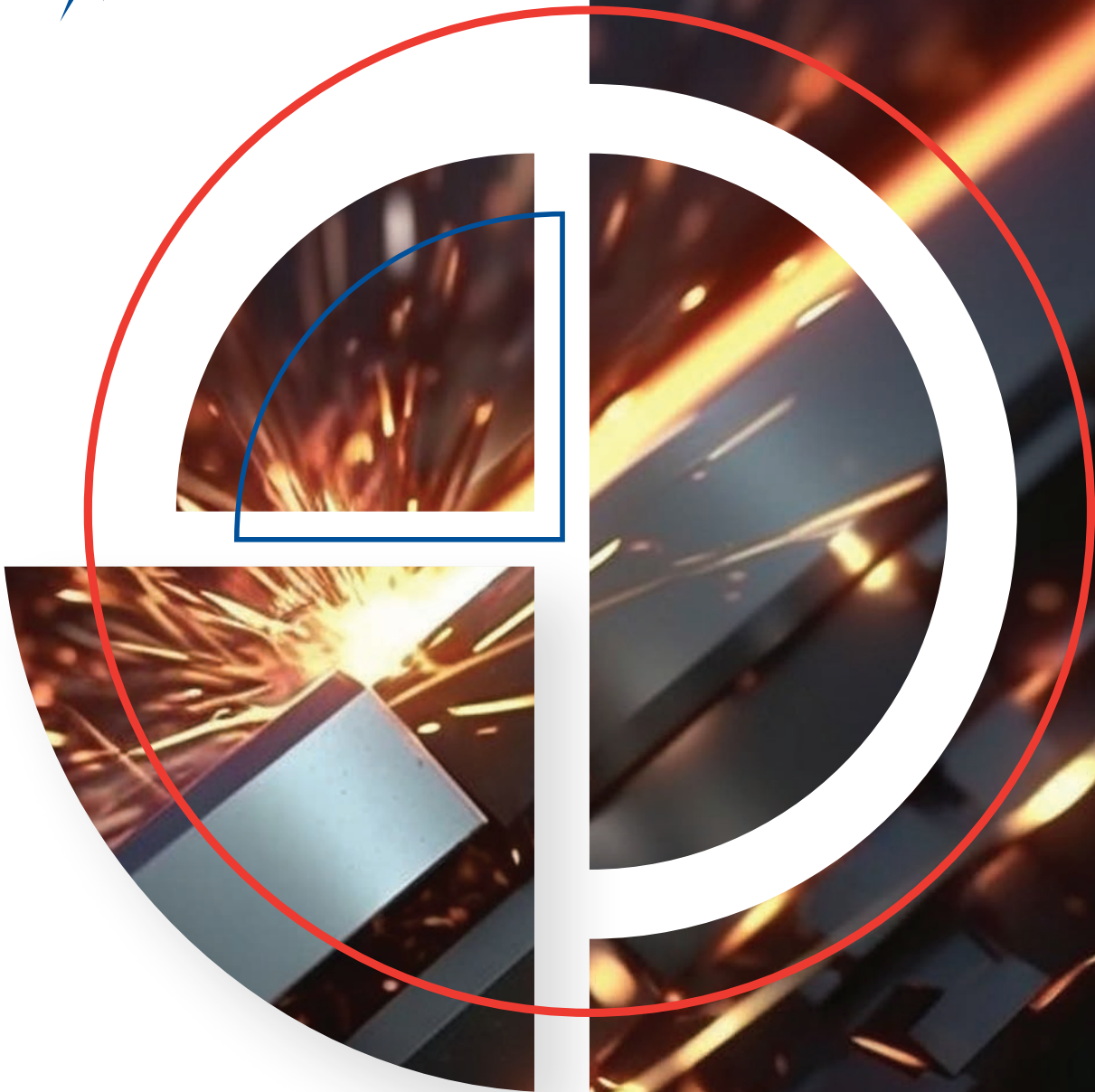
BOOKINGS & QUERIES

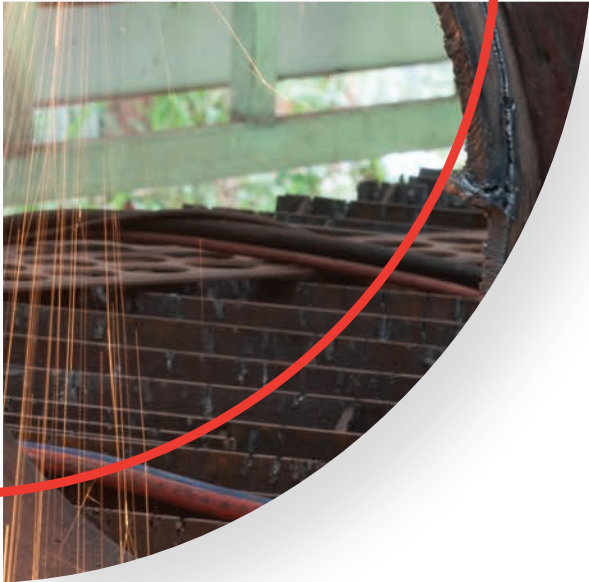
CONTACT DETAILS

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

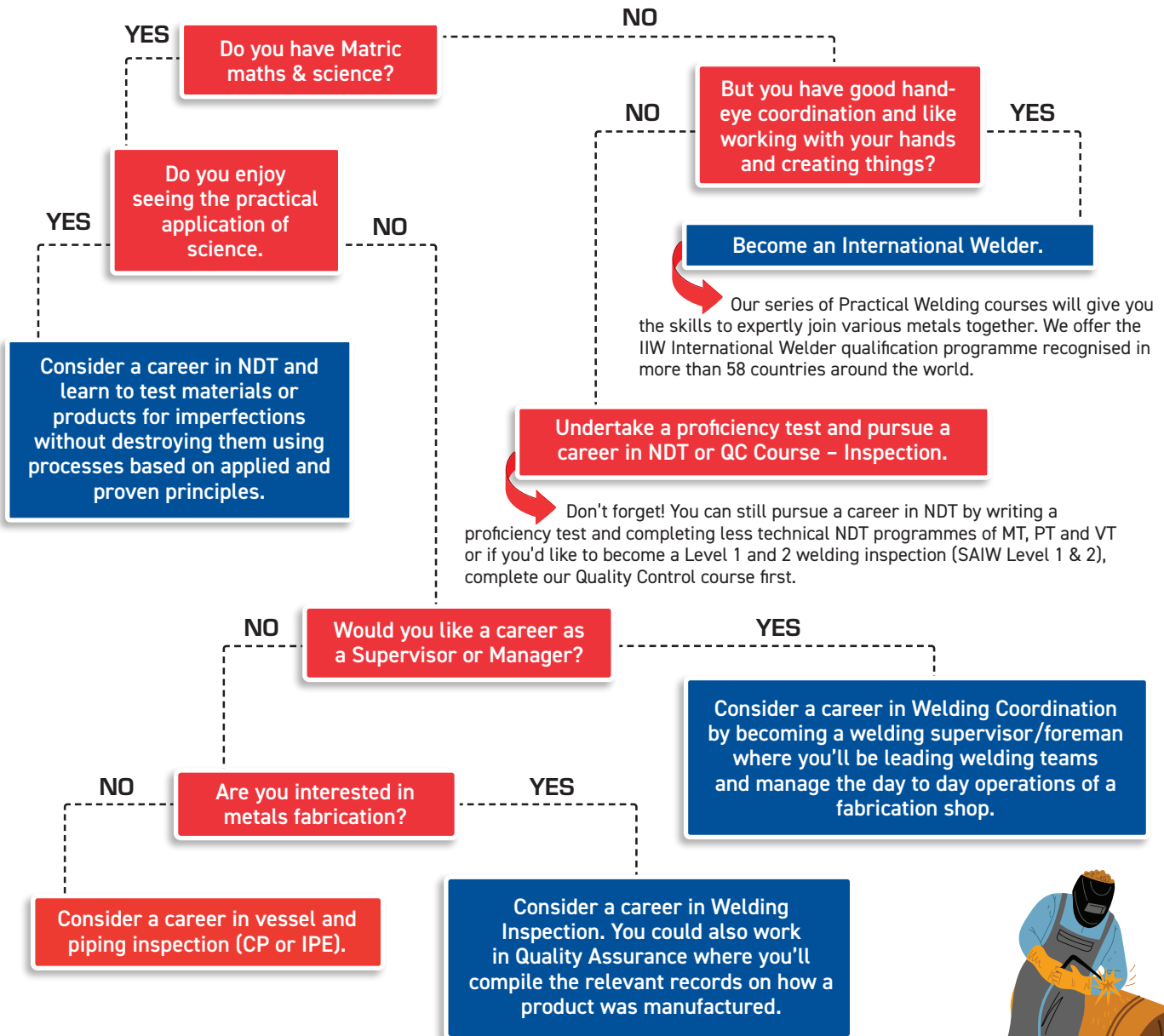
Management

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





HOW CAN SAIW POWER YOUR CAREER?



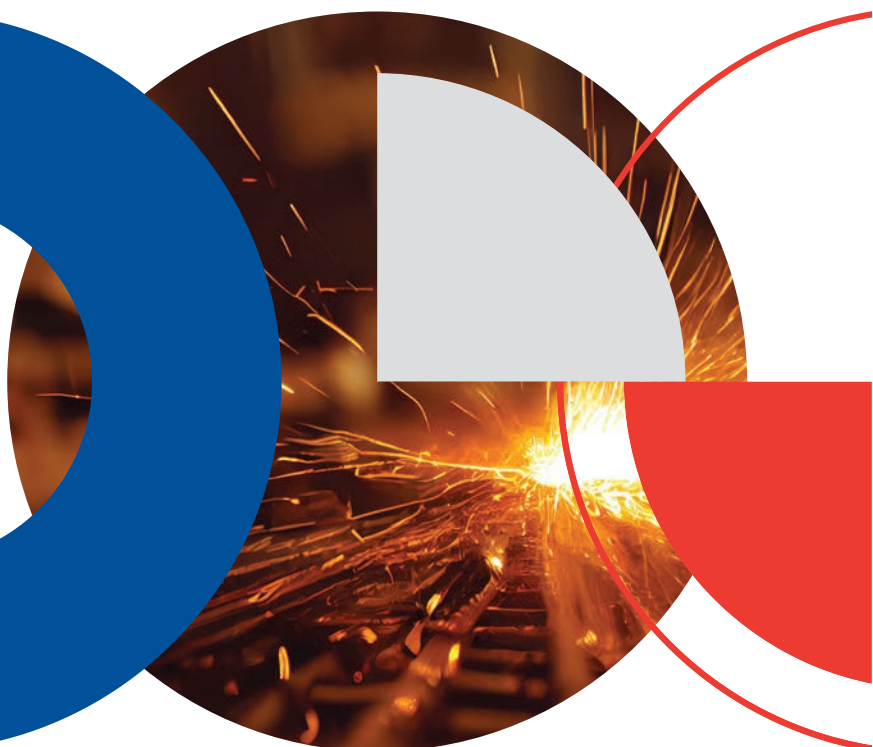
For more information, our client liaison officer is standing by on info@saiw.co.za



CHOOSE A CAREER IN WELDING!

Using the SAIW to deliver your preferred programme will ensure you a bright and prosperous career, so register today!

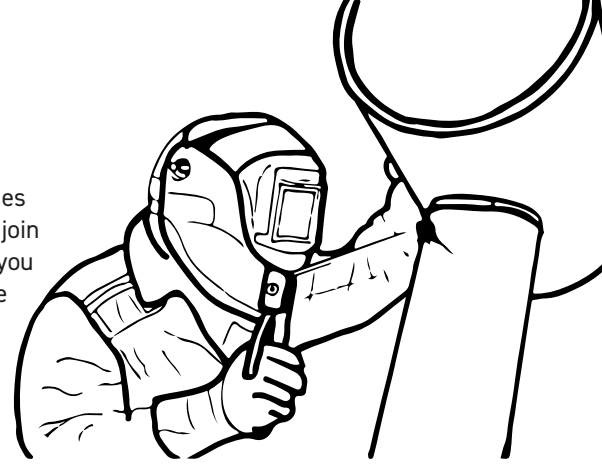
For more information contact our Client Liaison on 011 298 2100.



In recent decades, welding has become a dominant process in the fabrication of industrial products and in the building of structures from steel. It is used in all phases of production and is needed not only nationally but also internationally in almost every industry ranging from micro-electronics to construction of petrochemical plants, power generation, buildings and transport. Due to the diversity of welding-related projects, there is excellent flexibility to switch industries without the need to change your career.

The fact that welding is in a strong growth trend accounts for the mounting interest in it as a career. Completing a course in welding can virtually assure you of a gainful employment opportunity for advancement during your career. Similarly, those who become welding inspectors, welding coordinators, non-destructive testing (NDT) technicians, professional welding engineers or designers can look forward to extremely rewarding career opportunities.

SAIW has been offering training courses in both welding and **NDT** technologies since the late 1970s. You can choose to be a **practical welder** where you will join materials together using any of the various welding processes. As a welder you can progress your career by further study in **welding coordination** to become a welding supervisor/foreman. The welding coordination courses are not only for welders. People hoping for a career in leading welding teams and managing the day-to-day operations of a fabrication shop can enrol on these courses too, for example: welding engineer, welding technologist, welding specialist etc.



SAIW courses also present opportunities for you to work as a **welding inspector**, a career in which you will be responsible for verifying that the welders are following their work instructions, and the welding supervisors are doing their work according to approved and implemented procedures. As a welding inspector you can also work in quality assurance where you compile the relevant information for records on how a product was manufactured.

The SAIW also offers **NDT** courses in six different testing methods. Personnel form part of the chain of various fields of expertise, which are used to ensure the world is using high quality products which pose little risk to the end user. Personnel test materials or products for any imperfections without destroying the products or materials and is not only limited to testing of welds, but can be extended to various product sectors such as castings, forgings, tubes etc. and applied in most of the industrial sectors such as pre-and in-service testing, power generation, petrochemical etc. This is achieved by using various applied scientific principles and therefore, a career in NDT will never stagnate. There will always be the opportunity to diversify into other methods or alternatively, you can specialise in one or more methods to an advanced level of competency.

SAIW courses are intended to meet best practice **international standards** and many are accredited by the International Institute of Welding (IIW) or International Committee for Non-Destructive Testing (ICNDT) Mutual Recognition Agreement (MRA).

SAIW inspection courses also fulfil the requirements of local certification programmes for inspection personnel (SAQCC IPE and CP) which are approved by the Department of Employment and Labour.

SAIW practical welding courses are accredited by IIW for the International Welder (IW) programme and welder apprenticeships by QCTO.

THE SAIW OFFERS TRAINING COURSES AT ITS JOHANNESBURG HEADQUARTERS, AND IN DURBAN AND CAPE TOWN. MANY SAIW COURSES ARE SUITABLE FOR PRESENTATION AT IN-COMPANY TRAINING FACILITIES.



COURSES

- QCTO Welder
- Welding Symbols
- Welding
- International Plate Welder
- International Fillet Welder
- International Pipe Welder
- Robotic Welding

- IIW Practitioner
- IIW Specialist
- Inspector to Specialist Bridging Course
- IIW Technologist

- Introduction to Welding Inspector
- Welding Quality Control
- SAIW Welding and Fabrication Inspector Level 1
- Bridging IWI B to Level 1
- SAIW Welding and Fabrication Inspector Level 2
- Competent Persons Pressure Vessels
- Competent Persons Steam Generator
- 5 Day Engineers – Appreciation of Welding
- ASME Code
- AWS D1.1
- Heat Treatment Practitioner
- Paint Inspector

- Visual Testing
- Eddy Current
- UTWT
- Industrial Radiographic Safety
- Portable Hardness Testing
- Appreciation of NDT for Engineers
- Penetrant Testing
- Magnetic Particle Testing
- Replica Metallography
- Radiographic Testing
- Ultrasonic Testing

CAREER PATHS

PRACTICAL WELDER

- Artisan Welder
- Tradesman
- Boilermaker
- Pipe Welder
- Pipe Fitter
- Structural Steel Welder
- Welding Operator
- Artist/Sculptor
- Sheet Metal Worker
- Robotic Operator/Programmer
- Safety Officer
- Welding School Instructor

WELDING COORDINATORS

- Welding Engineer
- Welding Technologist
- Robotic Operator
- Technical Sales Representative
- Estimator
- Welding/Fabrication Supervisor
- Project Manager
- Fabrication Workshop Manager
- Research & Development
- Fabrication Management
- Academic
- Quality Auditor
- Quality Engineer
- Fabrication Supervisor or Foreman

WELDING INSPECTORS

- Welding Lecturer
- Fabrication & Welding Inspector
- Competent Person - Pressure Vessels
- Competent Person - Steam Generators
- Quality Control Personnel
- Inspector of Pressurised Equipment
- Fabrication Foreman

NON-DESTRUCTIVE TESTING


- NDT Training, Examination & Certification
- NDT Consultant
- NDT Applied Scientist/Physicist
- NDT Lecturer
- NDT Examiner
- NDT Auditor
- NDT Quality Engineering
- NDT Operator (Level 1)
- NDT Manager NDT Research/Developer
- NDT Technician (Level 2)
- NDT Technologist (Level 3)

WOULD YOU LIKE TO BECOME A *WELDING INSPECTOR?*

YOU COULD WORK IN ANY FABRICATION ENVIRONMENT OR THE FUEL OR POWER GENERATION SECTORS OR EVEN IN A REFINERY OR MANUFACTURING PLANT

Matric Maths
OR Science OR
Welding Quality
Control

START

 - Qualification

Inspector Level 2

Inspector Level 1

PATH 1

Visual Testing 1

Gain two years' work experience

CERTIFIED

Level 2
Inspector

Ultrasonic Testing 1 - Wall Thickness

Visual Testing 2

OR

PATH 2

ASME Codes of Construction

CERTIFIED

Level 3
Inspector

CERTIFIED

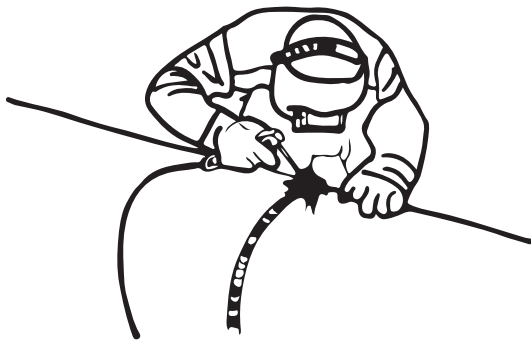
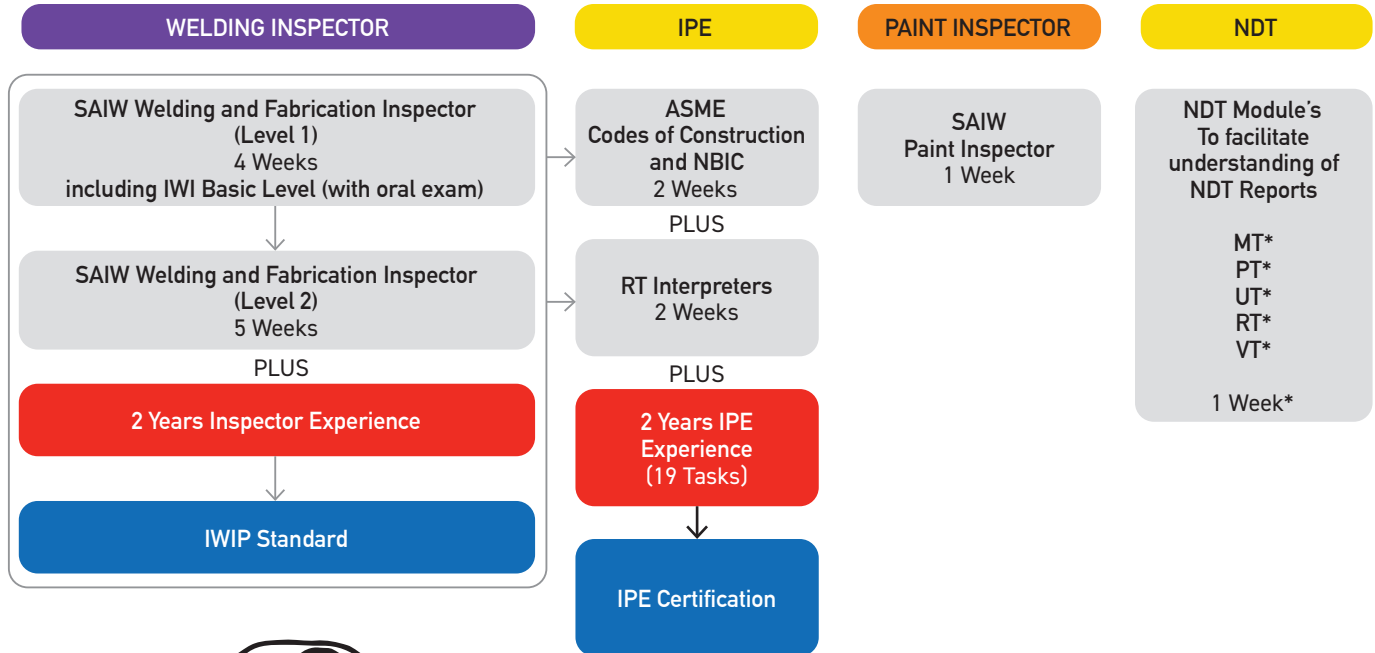
Inspector
of Pressure
Equipment
(SAQCC-IPE)

Radiographic Testing -
Film RT Interpreters only

2 Years' IPE experience (18 tasks)

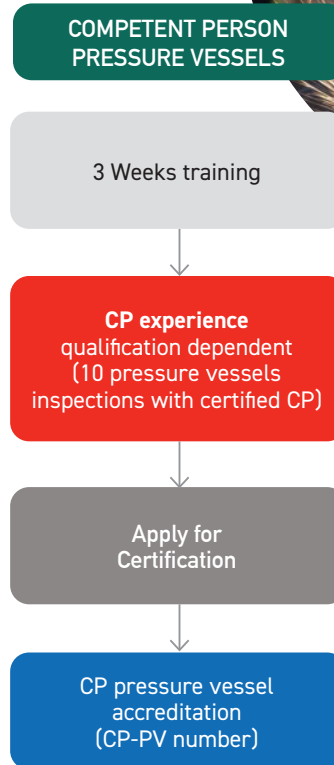
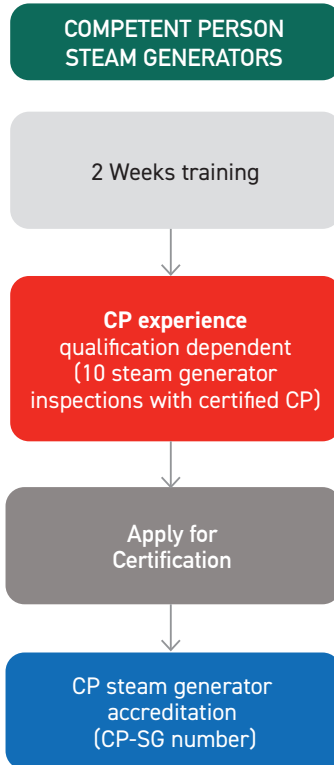
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CAREER PLAN FOR FABRICATOR INSPECTORS





CAREER PLAN FOR **IN-SERVICE INSPECTORS**



www.saiw.co.za

Please refer to contacts on page 6

ALL RE-WRITE EXAMINATIONS BOOKING PROCEDURES

APPLICATION PROCESS

All documentation related to re-write examinations should be directed to the Examination & Qualification coordinator in the SAIW Certification Examination Department via email at theresia.vanzyl@saiw.co.za or by phone at 011 298 2130. The following documents are required:

- The "Examination Application Form" must be completed in its entirety. Special attention must be given to ensuring accurate signatures and providing a valid email address. Candidates attending the training course are required to complete this form on the first day of the course.
- A confirmation of full payment is mandatory for exam registration.
- For NDT Examinations, candidates must obtain a valid vision acuity certificate from a qualified optometrist within six months of the exam date.
- A legible copy of the candidate's ID or Passport is required for verification purposes.

We appreciate your co-operation and understanding of these policies. If you have any further inquiries or concerns, please do not hesitate to contact the Examination Department.

Full payment is to be made prior to the commencement of the examination. All prices quoted include VAT.

WHAT YOU NEED TO BRING ALONG:

1. Copy of your ID or Passport.
2. Stationery, e.g. pen, pencil, note book, erasure and highlighter and scientific calculator.
2. Confirmation notice.

DRESS CODE

NDT: Wear long pants, shirt and safety boots.

ANY OTHER COURSE:
Long pants, shirt and closed shoes.

CANCELLATION OF RE-WRITE EXAMINATION POLICY

If the minimum required number of students is not met, SAIW Certification retains the right to cancel a scheduled re-write exam on short notice.

Candidates will be duly informed of this cancellation at least two weeks prior to the re-write exam date. Alternate arrangements will be made to accommodate affected candidates in the next available re-write exam. Should the proposed alternative not be suitable for the student/applicant, a full reimbursement of the re-write exam fee will be issued.

Please note that personal expenses such as accommodation and travel costs cannot be claimed.

Less than 15 Days' Notice

If a candidate cancels their re-write exam booking less than 15 (fifteen) days prior to the exam date, a cancellation charge, equivalent to 10% of the full re-write exam cost, will be applicable.

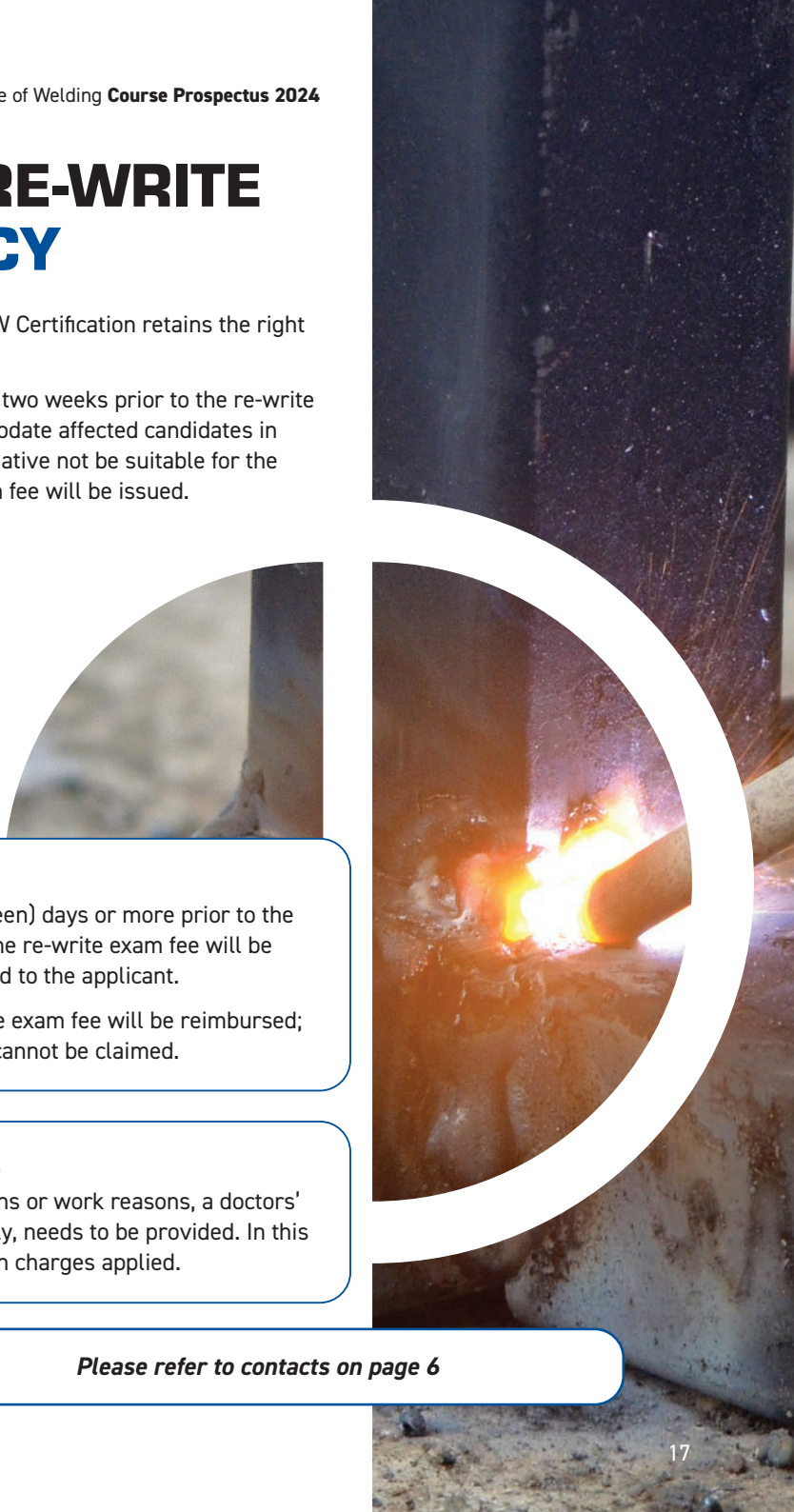
15 Days or More Notice

If a candidate cancels their re-write exam booking 15 (fifteen) days or more prior to the exam date, a 4% administration fee (plus VAT) based on the re-write exam fee will be charged. The remaining balance of the fee will be refunded to the applicant.

It is important to note that only the balance of the re-write exam fee will be reimbursed; personal expenses related to accommodation and travel cannot be claimed.

Unattendance due to medical or work reasons

If an examination cannot be attended due to medical reasons or work reasons, a doctors' sick note or a letter from the work supervisor, respectively, needs to be provided. In this case a postponement will be accepted with no cancellation charges applied.



RE-WRITE EXAMINATIONS

JOHANNESBURG, DURBAN AND CAPE TOWN

Please note that the re-write examination schedule could be revised in line with the training schedule - please refer to the SAIW website for the latest version as well as related information.

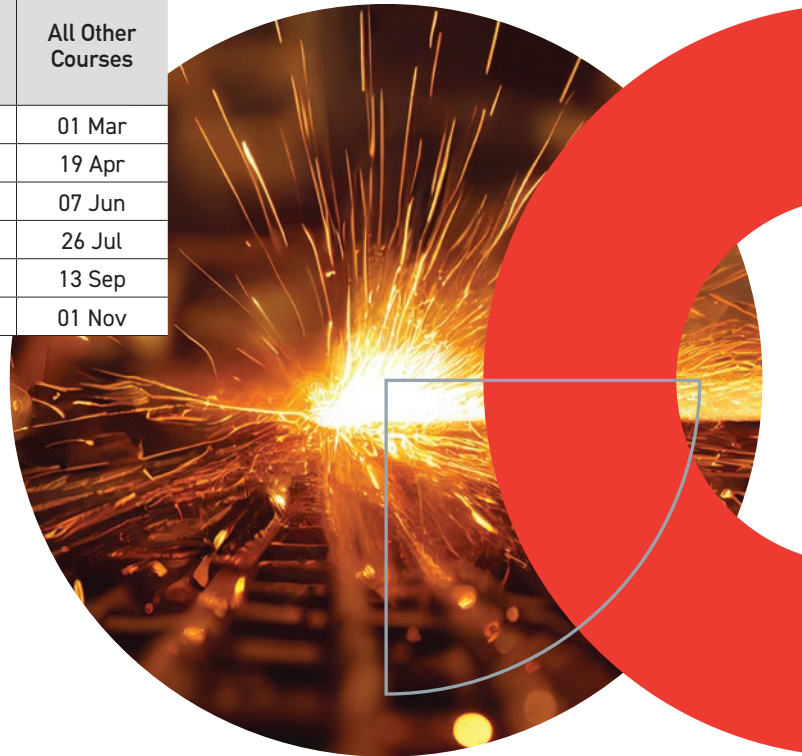
PRICING (Including VAT)

Revision	R 2,710 per day	International Welder	R 575
Welding Quality Control	R 1,450	Multiple Choice re-write	R 585
All other re-writes	R 2,310	Process Plant	R 1,400

Cut-off date for rewrite bookings – 2 weeks prior to exam date

JOHANNESBURG				
	Cut off date for re-write bookings	Welding Quality Control, IWIP-B & Welding Inspection Fabrication Level 1	Welding Inspection Fabrication Level 2	All Other Courses
RW 1	09 Feb	26 - 27 Feb	28 - 29 Feb	01 Mar
RW 2	28 Mar	15 - 16 Apr	17 - 18 Apr	19 Apr
RW 3	17 May	03 - 04 Jun	05 - 06 Jun	07 Jun
RW 4	05 Jul	22 - 23 Jul	24 - 25 Jul	26 Jul
RW 5	23 Aug	09 - 10 Sep	11 - 12 Sep	13 Sep
RW 6	11 Oct	28 - 29 Oct	30 - 31 Oct	01 Nov

DURBAN & CAPE TOWN		
	Cut off date for re-write bookings	All Courses
RW 1	09 Feb	26 - 27 Feb
RW 2	28 Mar	15 - 16 Apr
RW 3	17 May	03 - 04 Jun
RW 4	05 Jul	22 - 23 Jul
RW 5	23 Aug	09 - 10 Sep
RW 6	11 Oct	28 - 29 Oct



NDT RE-WRITE EXAMINATIONS

JOHANNESBURG, DURBAN AND CAPE TOWN

PRICING (Including VAT)

Re-write per paper OR
sample OR

12 Radiographic Film Sets OR
written instruction **R 1,170**

*Revision Classes. Revision only, per day

Corporate Member **R 1,818**

Non-Corporate Member **R 2,079**

*As per scheduled course and subject to available space

NDT REWRITE DATES

Book for rewrite on the first day of the week – additional days allows for extra time for practical.

**Cut-off date for rewrite bookings –
1 week prior to exam date**

JOHANNESBURG

20 Feb

26 Mar

23 Apr

28 May

25 Jun

23 Jul

27 Aug

25 Sep

22 Oct

03 Dec

**Remainder of weeks are available for completion of examination



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Please refer to contacts on page 6

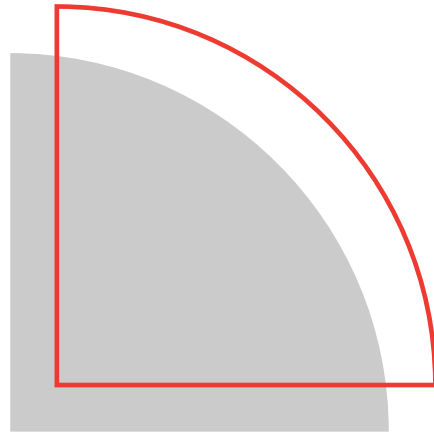


JOHANNESBURG (HEAD OFFICE)

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Southern African Institute of Welding NPC.
52 Western Boulevard, off Main Reef Road,
City West, Johannesburg
P O Box 527, Crown Mines, 2025

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FOLLOW SAIW ON



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