ABOUT PRACTICAL WELDING



At the SAIW, we take immense pride in offering a diverse range of hands-on training programmes that empower individuals with the knowledge and expertise required to excel in welding.

Our practical welding training covers a spectrum of specialised areas and caters to both beginners and experienced welders.

Scan to download the SAIW Course Prospectus App.

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

ABOUT PRACTICAL WELDING

Our experienced instructors foster a hands-on learning environment, whether you're pursuing welding as a career or enhancing your skills. We believe that practical welding proficiency is key to success in the welding industry.

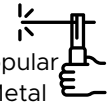
JOIN US TO EMBARK ON A JOURNEY OF SKILL DEVELOPMENT AND PROFESSIONAL GROWTH IN THE EXCITING WORLD OF WELDING.

WELDING ESSENTIALS



Welders play a crucial role in joining various metals using electric arc processes, utilising gas shields or flux to protect the molten weld area from contamination by the surrounding atmosphere. They interpret engineering drawings, adhere to standards, and understand the impact of welding on materials.

WELDING PROCESSES



Our practical training encompasses popular welding processes, such as Shielded Metal Arc, Gas Metal Arc, Gas Tungsten Arc, Flux Cored Arc, Submerged Arc and Laser Beam Welding. We tailor programmes to individual needs.

APPLICATIONS



Welders fabricate structures, pressure vessels, and more. They select equipment, adjust variables, and employ cutting and grinding techniques to prepare joints.

TRAINING OPTIONS



Our training is flexible, offered week by week at the SAIW or in-house, catering to upskilling and qualification needs. We also offer the International Institute of Welding's (IIW) International Welder (IW) qualification programme.

IIW WELDING TRAINING PROGRAM



SAIW's IIW Welding Training programme aligns with international standards and addresses the need for highly skilled welders and to achieve global harmonisation in the training, examination and qualification testing of welders.

IIW FAST TRACK PROGRAM



Experience an accelerated journey to an IIW Standard Diploma, ideal for experienced welders, who, depending on the welder, can achieve qualification in one to two weeks, including all training and assessment at a substantial cost savings.

ROBOTIC WELDING



Stay ahead with our robotic welding training, enabling you to operate and program welding robots efficiently in industries embracing automation.