

WELD CONNECT

FEBRUARY 2025



[Weld Australia Expands
with New Office in
South Australia >>>](#)

[A Workshop Tour of
Williams Metal
Fabrications >>>](#)

[Weld Australia
Welcomes New Team
Members>>>](#)



weldaustralia.com.au



membership@weldaustralia.com.au

 **Weld
Australia**

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A MESSAGE FROM OUR CEO

GEOFF CRITTENDEN



Welcome to the first edition of *Weld Connect* for 2025. This year marks a significant chapter for Weld Australia and the Australian welding and manufacturing industry.

With global dynamics heavily influencing local economies, the Australian manufacturing industry is poised to drive future economic prosperity. The Australian manufacturing landscape is at a critical juncture, marked by the potential to significantly impact national economic growth. There is a unique opportunity to revitalise Australia's industrial base, ensuring that it not only survives but thrives in the forthcoming decades.

Weld Australia's goals have remained consistent over the last 10 years: to revive and retain manufacturing capabilities within Australia and to ensure that local content is a cornerstone of industry practice. While there have been some improvements, there is still a considerable volume of work to be done. This year, we will continue to push for policies and practices that support local manufacturers, ensuring they are integral to the nation's economic fabric.

EMBRACING LOCAL OPPORTUNITIES

This year, Weld Australia will continue our advocacy work for greater investment by all levels of Australian government in local manufacturing, particularly within the renewable energy sector. The gradual but inexorable shift towards prioritising Australian content in procurement strategies is not just a policy preference—it is an essential strategy for our economic and environmental future. We must leverage this momentum to ensure that our industry not only participates in but drives the green energy transition.

With the right policy levers, it's conceivable to imagine significant investment in new world-class steel manufacturing businesses supplying both components and complete solutions to support Australia's energy transition.

Within five years, at least one large-scale brand-new state-of-the-art window tower fabrication facility could easily be making 100 towers a year, and supplying them into projects across renewable energy zones. While there might still be a need to import towers during peak demand periods, our reliance on overseas manufacturing to achieve our targets would be greatly reduced.

In Eastern Australia alone, four facilities would be capable of manufacturing sufficient towers for 500 MW of power generation per annum – a total of 2GW. Each facility would occupy around 20 hectares of land, cost about \$170 million, employ 180 full-time workers, consume 40kt of locally-made steel plate per annum, and require access to road and rail for incoming materials and outgoing completed towers.

Given the infrastructure and land required, and the social license issues relating to movement from heavily-populated port precincts particularly in NSW, all facilities could be located in regional areas, greatly boosting economic growth and employment in these areas. Due to the substantial cost of transporting tower sections by road, spreading facilities across the three Eastern states would be the most economical way to meet the needs of the market, while maximising and distributing the economic benefits.

The sovereign manufacturing capability would extend to other sectors, with new and existing fabricators potentially investing in capability to supply monopole transmission towers and componentry or complete system solutions for solar tracking. All of these investments would result in thousands of direct and indirect jobs.

ADDRESSING THE SKILLS SHORTAGE

Australia's welding industry continues to grapple with a severe skills crisis, with a projected shortfall of more than 70,000 welders by 2030. We have reached a critical juncture that poses a substantial threat to our national economic growth and productivity—with major infrastructure projects already at risk of delays due to a lack of skilled workers.

Despite the significant enrollment in fee-free TAFE programs, the skills shortage in our industry persists as a critical challenge. Welders are more in demand than ever, due to large-scale initiatives like AUKUS, South Australia's \$9.9 billion Torrens to Darlington (T2D) project and the renewables revolution, as well as metropolitan infrastructure projects such as the \$12 billion Sydney Metro and the \$5 billion Melbourne Airport Rail Link. So while larger firms absorb as much available talent as possible, small to medium businesses across the general manufacturing sector are left unable to access the workforce they need to continue operations.

The worsening conditions make it imperative for construction and manufacturing businesses, industry bodies, and government agencies to work together, adopting a multi-pronged approach that includes investment into both training and technology.

Weld Australia is committed to mitigating the impact of the skills shortage through targeted training initiatives. Weld Australia will continue to lead efforts in developing 'job-ready' courses that expedite the pathway from training to employment in welding positions.

A WARM WELCOME TO SIMON DOE

I'd like to take this opportunity to welcome Simon Doe to the Weld Australia team. Simon has joined us in the role of Director, Engineering and will be based in Adelaide.

With over 30 years of experience, Simon is a passionate engineer with a solution focussed approach. He boasts both technical and managerial experience in advanced manufacturing, welding, engineering and research in sectors as diverse as defence, automotive, mineral processing, and medical devices. For further information, see the article on [page 8](#).

UPCOMING EVENTS AND OPPORTUNITIES

The Weld Australia team has a whole host of events planned for 2025, from member networking functions and technical workshops and webinars, through to our annual National Manufacturing Summit. Just some of the upcoming events include:

- [Victoria Industry Drinks Nights on 27 February](#)
- [Western Australia Industry Drinks Night on 12 March](#)
- [New South Wales Industry Drinks Night on 27 March](#)
- [Navigating Insurance Pitfalls in Metal Fabrication on 20 March](#)
- [National Manufacturing Summit on 23 and 24 July](#)
- [Weld Australia's Annual AS/NZS ISO Standards Update on 8 April](#)
- [Two Day Course on AWS D1.1 on 30 April and 1 May](#)
- [Two Day Course on Design and Modeling of Welded Structures on 3 and 4 June](#)
- [Three Day Course on ASME Section IX from 7 to 9 October](#)

I encourage all our members to get involved in 2025. I invite each of you to engage with us, share your insights, and help shape the future of our industry. Register for our events and broaden your professional reach, knowledge and skills. Together, we can forge a path towards a more skilled, sustainable and prosperous manufacturing landscape in Australia.



CEO, Weld Australia



Weld Australia would like to welcome all our new Members who have joined in the last month.

CORPORATE MEMBERS

- Halliday Engineering: hallidayengineering.com.au
- Red Earth NDT: redearthndt.com.au
- CMI Group: cmiwa.com.au
- ACE Specialised Services: acespecialisedservices.com.au
- Lighthouse Engineering: lighthouseengineering.com.au
- J & J Fabrication & Engineering: jjfe.com.au
- Aflex: aflex.com.au
- BTS Quality Consulting Service: btsquality.com.au

INDIVIDUAL MEMBERS

- Rasoul Pouriamanesh
- Ahmed Abdeen
- Joffrey Hochstrasser
- Aaron Purdy
- Corey Woodall
- Jacob Samuel
- Yunhui Jiang
- Duncan French
- Mirko Perin
- Xiangbing Ma
- Afshin Abshary
- Candace Smith
- Amato Antonino
- Godwin Agbara
- Steven Soric
- Luke Ahipene
- Timothy Taylor
- Gerard Oliver
- Naveen Kumar
- James Palispis
- Christopher Mellon
- Anu Mathew
- Logan Carlie
- Thomas Raunik
- Andrew Priem
- Raphael Makotose
- Scott Fitzgerald
- Miguel Adam
- Damian Martini
- Jared Gulic
- Saeed Rezaei
- Anthony Capes
- Shane Hanson
- Teng Ian Leung

JOIN TODAY

For further information, contact David Choudry (Membership Manager) on d.choudry@weldaustralia.com.au or 0417 878 104.

INDUSTRY

NEWS



TASMANIA RENEWABLES BOOSTED BY NEW DEVELOPMENT AND MAJOR LEGISLATION

The Tasmanian Government has declared the Cellars Hill Wind Farm a Major Project under its landmark major project legislation, announcing changes that will get renewable energy projects out of the ground faster and simpler.

The \$1.5 billion Cellars Hill Wind Farm development will create up to 238 jobs during the two-year construction phase and a further 14 once complete.

Minister for Housing, Planning, and Consumer Affairs, Felix Ellis said developments like the Cellars Hill Wind Farm are driving forces for economic growth, job creation, and progress.

“Cellars Hill Wind Farm is large, complex and significant for the region and our state – it’s clear this is a Major Project and will now be assessed under our streamlined pathway,” said minister Ellis. “In our small state, big projects are a gamechanger. No one can argue with the jobs and opportunities created by our first Major Project declaration – the Bridgewater Bridge.”

“Wind farms are the majority of major projects being assessed currently by the Tasmanian Planning Commission, with 4 large scale wind generation projects around the state choosing this pathway,” he said.



PUBLIC COMMENT WELCOMED FOR OSBORNE SUBMARINE CONSTRUCTION YARD

The public have been invited to provide comments on the planned Nuclear-Powered Submarine Construction Yard Draft Strategic Impact Assessment Report for Osborne, South Australia.

The public consultation period will run from 3 February to 17 March 2025, with Australia set to begin the build of its fleet of conventionally-armed, nuclear-powered SSN-AUKUS submarines at Osborne, by the end of this decade.

“The Australian Submarine Agency invites the local community to review the Draft Report and have their say,” said First Assistant Director General SSN Construction, Australian Submarine Agency, Kate van Hilst. “The works planned for the SSN-AUKUS program, including the development of infrastructure, are being designed to ensure the protection of our people, the public and the environment in South Australia.”

The ASA will review and consider submissions received via the ASA website, email or in-person at our community drop-in sessions as part of the Public Comment Period. The Draft Report can be viewed here: www.asa.gov.au/projects/osborne-submarine-construction-yard



MEET OUR NEW TEAM MEMBERS



Weld Australia has welcomed several employees to start the new year, including Simon Doe in the role of Director, Engineering; Ben Deen as a Welding Technology Trainer; and Abbey Hogden as Education and Training Administrator. Join us in extending a warm welcome to Simon, Ben and Abbey—we're excited to have them on board and look forward to the fresh ideas and energy they will bring.

Simon Doe, Director, Engineering

With over 30 years of experience, Simon is a passionate engineer with a solution focussed approach. He boasts both technical and managerial experience in advanced manufacturing, welding, engineering and research in sectors as diverse as defence, automotive, mineral processing, and medical devices.

Prior to joining Weld Australia, Simon was the National Manger of ANFF (Australian National Fabrication Facility), part of the Future Industries Institute (FII) at the University of South Australia. Simon was responsible for the activities of the multi-million dollar clean room facility and associated research and development laboratories. He also provided technical leadership to the team, and fostered strategic relationships with various stakeholders.

Simon has extensive experience in product design and development, having worked in industry as a Product Development Manager for a start-up medical device company involved with catheter tracking technologies. He was also a Senior Research Engineer at CSIRO in the Division of Manufacturing Science and Technology, and a Senior Scientific Officer at Atomic Weapons Establishment.

An International Welding Engineer (IWE) and an International Welding Inspector (IWI-B), Simon holds several professional qualifications, including a Bachelor of Engineering (Hons) in Metallurgy and Materials Science. He is a Welding Supervisor to AS 2214 and AS 1796 Certificate 10 and a Chartered Engineer.



Simon Doe

Ben Deen, Welding Technology Trainer

Ben Deen is a skilled mechanical engineer, welder, and fabricator with a diverse background spanning the fabrication, manufacturing, construction and defence industries. With over a decade of experience in hands-on engineering, Ben has developed a strong reputation for precision craftsmanship, problem-solving, and adaptability across various industries.

Prior to joining Weld Australia, Ben worked with Fenix Welding and Fabrication, providing high-quality welding and fabrication services, subcontracting for a variety of construction companies. He was responsible for both on-site and workshop fabrication of residential and commercial framing, balustrades and roof structures for both rural and civil clients. Ben started his welding career as an apprentice welder at BlueScope’s Port Kembla facilities.

In addition to his trade expertise, Ben has dedicated several years to service in the Australian Army as an Infantryman and in a specialist Signals Platoon. His military experience also includes serving in Operation Resolute, contributing to national security and border protection efforts. This experience has honed his ability to work in high-pressure environments, reinforcing his discipline, leadership, and teamwork skills.

Ben is currently pursuing a Bachelor of Paramedic Science, a testament to his commitment to professional growth and his passion for emergency healthcare.

Abbey Hogden, Education & Training Administrator

Abbey is a dedicated Education & Training Administrator at Weld Australia, known for her exceptional organisational skills and vibrant energy. She started with Weld Australia as a Trainee as part of her Certificate III in Business in 2023 and came on-board permanently in 2024.

Abbey has a diverse background in customer service and retail, where she honed her interpersonal skills and attention to detail. She also holds a Certificate II in Horticulture from Mount Gravatt TAFE in Brisbane.

At Weld Australia, Abbey is instrumental in streamlining the online learning experience for students. She manages the intricate details of the learning platform, from rendering and uploading live lecture recordings to creating and managing student logins. Her proactive approach ensures that all student inquiries are handled with care and precision, making the educational journey smooth and accessible.



Ben Deen



Abbey Hogden



UPCOMING EVENTS

Need help or
further details? Contact
events@weldaustralia.com.au

SAFework SA PRESENTS: WELDING FUMES – WHAT'S THE DEAL?

A webinar to discuss the new Welding Fume Workplace Exposure Standard and what it means for businesses will be held in March. Experts from SafeWork SA and Weld Australia will explore the different ways businesses can manage exposure to fumes.

Acceptable levels of welding fumes in a workplace were slashed in January 2024 to protect workers from lung diseases. Australian Work Health and Safety Ministers agreed to an immediate reduction to the workplace exposure standard (WES) for welding fumes (not otherwise classified) to protect workers.

The change took effect from 18 January 2024 in South Australia and reduced the WES from an 8-hour time weighted average of 5 mg/m³ to 1 mg/m³.

Event Details

- Date: Thursday 13 March 2025
- Time: 10.30am to 11.30am AEST
- Venue: Online Webinar
- Cost:
 - FREE for Weld Australia Members
 - FREE for Non-Members

REGISTER NOW

NAVIGATING INSURANCE PITFALLS IN METAL FABRICATION: TIPS & TRICKS

We'll identify major risk hazards and explain how to avoid common Insurance mistakes relating to metal fabricators. During the webinar we will also touch on Contractual Liabilities, the effects on your insurance and how best to mitigate this risk.

We'll break down complex topics so members can either review their own insurance or obtain a complimentary free audit.

This event is a must attend for Metal Fabricating Operations, CEO's, CFO's, Risk Managers.

Presented by Andrew Miller, Managing Director at Scott & Broad Insurance Brokers, 30 years in Insurance, 106 years in Business.

Event Details

- Date: Thursday 20 March 2025
- Time: 12pm to 1pm AEST
- Venue: Online Webinar
- Cost:
 - FREE for Weld Australia Members
 - \$45 for Non-Members

REGISTER NOW

WELD AUSTRALIA'S ANNUAL AS/NZS AND ISO STANDARDS UPDATE

This FREE webinar will focus on various Australian Standards that impact the welding industry and will also include an ISO update, such as the AS/NZS ISO 3834 series and ISO 9606.

This is your opportunity to discover how you and your business are placed to meet the requirements of the various welding Standards.

It is designed for Welding Supervisors, Managers, Engineers, and those who use, or should be using, any welding related standard.

It will be presented by Bruce Cannon, Weld Australia's Principal Welding Engineer and Technical Publications Manager. This is your chance to hear all Standards from an expert in the field.

Event Details

- Date: Tuesday 8 April 2025
- Time: 12pm to 1pm AEST
- Venue: Online Webinar
- Cost:
 - FREE for Weld Australia Members
 - \$45 for Non-Members

REGISTER NOW

TWO DAY COURSE

AWS D1.1

STRUCTURAL WELDING CODE – STEEL

Understanding the AWS D1.1 code helps fabricators and welders ensure compliance with industry standards, improve weld quality and structural integrity, enhance job opportunities, and reduce the risk of costly rework or project delays.

Many industries worldwide, including structural buildings, bridges, mining equipment, marine applications, and more, now require welding to comply with the AWS D1.1 code. Achieving this certification ensures fabrication and inspection meet stringent quality standards, helping companies reduce rework, minimise costs, and deliver projects on time. This course will be facilitated by expert presenter Cristian Zanfir (Manager of Standards, Office of Public Safety, CWB Group).

CRISTIAN ZANFIR

Cristian Zanfir joined the CWB Group in 2004. Over the years, Cristian has held several key positions within the organisation, including Procedure Verification Engineer, Supervisor of Ontario Operations, Supervisor of Procedure Verification Engineers, and in the Electrodes Certification Department.

Today, Cristian serves as the Manager of Standards in the CWB Group's Office of Public Safety. In this role, he plays a pivotal part in the development of standards, actively contributing to numerous committees within AWS, ASME, CSA, and ISO.

With a Bachelor of Engineering in Welding and a Level 2 Visual Welding Inspector certification, Cristian brings a wealth of expertise and dedication to advancing welding standards and practices globally.



MELBOURNE

30 APRIL & 1 MAY 2025

COURSE OVERVIEW

This comprehensive course explores the requirements for AWS D1.1 compliance, covering key topics such as:

- Certification for welding contractors, inspectors, and procedures
- Visual welding inspection techniques
- Pre-qualification and qualification of welding procedures
- Changes coming in the new D1.1:2025 edition

COST

- Weld Australia Members: \$2,450 inc GST
- Non Weld Australia Members: \$2,650 inc GST
- Payment is required at the time of booking. Cancellation four weeks prior to the start date will not be refunded.

COURSE DETAILS

- **Date:** 30 April and 1 May 2025
- **Time:** 8.00am registration on day one; 8.30am to 5pm
- **Location:** Melbourne



REGISTER NOW

QUESTIONS?

For further details, contact: Danielle Pennington on 0493 024 505 or d.pennington@weldaustralia.com.au



Please join us for the

2025 INDUSTRY DRINKS NIGHTS

With a relaxed, informal setting, Weld Australia's Industry Drinks Nights are designed to foster connections, inspire new ideas, and cultivate partnerships among Australia's top welding professionals. Hear from the Weld Australia team, as well as other industry experts. Industry Drinks Nights are FREE for Weld Australia members; and \$65 for non-members, which includes drinks and canapés throughout the night. For information, simply contact events@weldaustralia.com.au.



VICTORIA Sponsored by Cigweld

- Date: Thursday 27 February 2025
- Time: 6:00pm to 8:30pm
- Venue: Byblos Bar & Restaurant
- Address: 18-38 Siddeley Street, Docklands VIC 3008

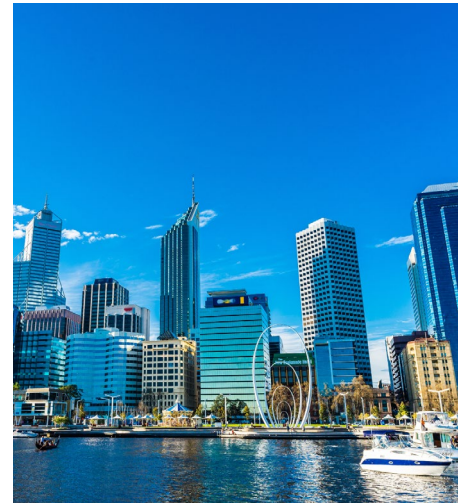
[REGISTER FOR VICTORIA](#)



NEW SOUTH WALES Sponsored by TAFE NSW

- Date: Thursday 27 March 2025
- Time: 6:00pm to 8:30pm
- Venue: Cargo Bar
- Address: 52-60 The Promenade, King Street Wharf, Darling Harbour, NSW 2000

[REGISTER FOR NSW](#)



WESTERN AUSTRALIA Sponsored by Weldclass

- Date: Wednesday 12 March 2025
- Time: 6:00pm to 8:30pm
- Venue: Aloft Perth
- Address: 27 Rowe Avenue, The Springs, Rivervale WA 6103

[REGISTER FOR WA](#)



TWO DAY COURSE

DESIGN & MODELING OF WELDED STRUCTURES

ADELAIDE
3 & 4 JUNE 2025

Need help with the engineering and design of welded structures? Need to brush up on residual stresses and distortions?

Facilitated by USA expert Pingsha Dong, this two day course will cover the fundamentals that every engineer should know when designing welded components. From weld in-situ strength, residual stresses, and geometric discontinuities, every aspect plays a different role in contributing to resultant joint strength, and fatigue resistance. Implications on metallic additively manufactured (AM) parts will also be discussed.

With plenty of opportunities for questions, this course can help attendees mitigate the detrimental effects of welding defects, reducing inefficiencies and costs, and improving project schedules and productivity.

COST

- Weld Australia Members: \$3,410 inc GST
- Non Weld Australia Members: \$3,718 inc GST
- Payment is required at the time of booking. Cancellation four weeks prior to the start date will not be refunded.

COURSE DETAILS

- **Date:** 3 & 4 June 2025
- **Location:** Adelaide
- **Venue:** TBC
- **Registration first day:** 8:00am
- **Course time:** 8:30am – 5:00pm



ABOUT PINGSHA DONG

Professor Pingsha Dong of the University of Michigan, is the inventor of the mesh-insensitive structural stress method (also referred to as the Master S-N Curve Method) adopted by the 2007 ASME Div 2 and API 579/ ASME FFS-1 Codes and Standards mandated by over 50 countries worldwide. Over the past 20 years, Professor Dong has taught courses in fatigue design, fracture control, residual stress and distortion control in over a dozen countries around the globe.

Professor Dong has published more than 260 peer reviewed papers in archive journals and major conference proceedings, including over 20 plenary and keynote lectures at major international conferences. He has received numerous prestigious national and international awards, including AWS Comfort Adams Lecture Award (2019), SNAME Helmer L. Hann Awards (both in 2012 and 2007), IIW Evgeny Paton Prize (2008), R&D Magazine's R&D 100 Award (2006), TIME Magazine's Math Innovator (2005), Aviation Week and Space Technology's Aerospace Laurels Award (2004), SAE Henry Ford Award (2003), AWS R.D. Thomas Award, and ASME G.E.O Widera Literature Award (2002), among many others. He is also a Fellow of ASME, AWS and IIW.



REGISTER NOW

QUESTIONS?

For further details, contact: Danielle Pennington on 0493 024 505 or d.pennington@weldaustralia.com.au

WELD AUSTRALIA EXPANDS WITH NEW OFFICE OPENED IN SOUTH AUSTRALIA

Weld Australia is pleased to announce the opening of our new office in South Australia, marking a significant milestone in our ongoing growth and commitment to the local welding industry.

Located on Greenhill Road in Eastwood, Adelaide, this new facility not only provides a dynamic workplace for our team but will also serve as a hub for training sessions, demonstrations, and meetings.

The Adelaide office is equipped with state-of-the-art facilities designed to support a wide range of activities, from hands-on training to strategic meetings and industry events. This expansion underscores Weld Australia's dedication to enhancing our services and accessibility for members and industry professionals in South Australia.

Our South Australian team, including Ben Mitchell (Director, Strategic Partnerships) and Simon Doe (Director, Engineering), is excited to welcome you to our new office.



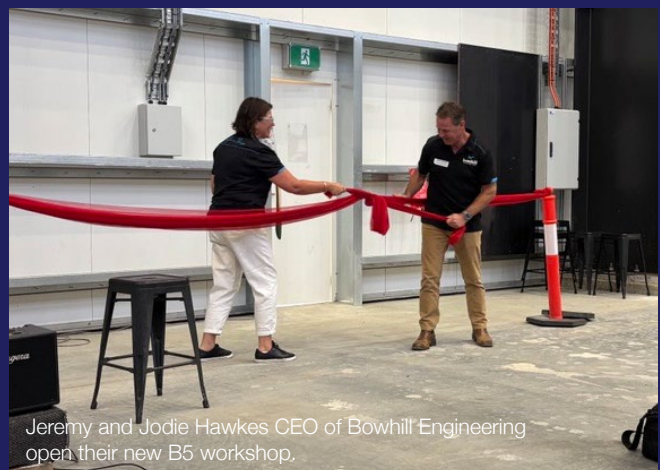
A VISIT TO BOWHILL ENGINEERING

Ben Mitchell (Director, Strategic Partnerships, Weld Australia) and Simon Doe (Director, Engineering) recently visited member company Bowhill Engineering. Bowhill Engineering is an innovative structural steel engineering firm with specialist capability in large complex steel structures. Founded in the early 1970s, for over 50 years Bowhill has developed an enviable track-record for project delivery. Bowhill employs a stable workforce of more than 50 highly specialised staff, which gives them the ability to deliver world class innovative solutions for their clients. The firm delivers some \$12 million worth of landmark projects annually.

Bowhill Engineering recently opened a massive new workshop that will expand the company's capabilities, introduce innovative technologies and continue its dedication to sustainability. The creation of this workshop has allowed them to take on their biggest contract yet – around four times bigger than anything they've taken on in the past. Stay tuned for more details in the next edition of Australian Welding magazine. The new B5 workshop (which is 70m long and 23m wide) includes a 16m crane which can lift up to 100 tonnes, giving the team more flexibility to turn large components quickly and safely.



Bowhill's massive new workshop.



Jeremy and Jodie Hawkes CEO of Bowhill Engineering open their new B5 workshop.



NATIONAL MANUFACTURING SUMMIT 2025

MANUFACTURING AUSTRALIA'S FUTURE
LOCAL STRENGTH, GLOBAL IMPACT
23 & 24 JULY 2025 | VENUE TO BE CONFIRMED



A TOUR OF WILLIAMS METAL FABRICATION

Ben Mitchell (Director, Strategic Partnerships, Weld Australia) was recently treated to a tour of [Williams Metal Fabrications](#) in South Australia.

Williams Metal Fabrications manufactures reliable and innovative solutions for high-end infrastructure projects. They provide turn-key solutions, from 3D site scanning and point cloud, steel detailing and fabrication, all the way through to installation, onsite labour hire, maintenance, and even boat and crane truck hire.

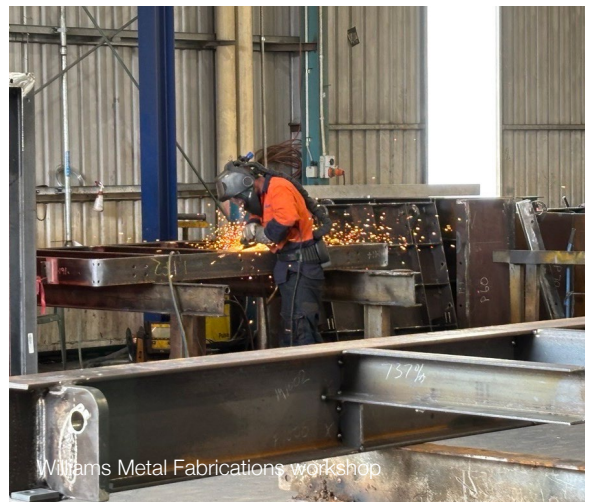
Williams Metal Fabrications uses cutting-edge technology and advanced robotic welding to deliver superior-quality and highly precise welding services to our clients. Additionally, they provide robotic welding services to other fabricators, helping them scale their operations, streamline production, improve consistency, reduce lead times, and enhance welding precision.

With a keen focus on quality control, the company is certified to a range of standards, including AS/NZS ISO 3834, ISO 45001 and AS/NZS 5131 CC3.

Be sure to keep an eye out for the March edition of Australian Welding magazine, which will feature an interview with Stuart Rogers (General Manager of Williams Metal Fabrications) about their recent investment in robotic technology, their industry-leading projects and investment in the next generation of Australian welders.



Stuart Rogers, General Manager, Williams Metal Fabrications



Williams Metal Fabrications workshop

A VISIT TO CENTURY ENGINEERING

Ben Mitchell (Director, Strategic Partnerships, Weld Australia) and Simon Doe (Director, Engineering) recently headed out to visit the team at [Century Engineering](#). Century Engineering has been delivering complex and technical engineering solutions for over 75 years.

With its 32,000m² manufacturing ecosystem and highly skilled team, it is the engineering and equipment partner of choice to many of Australia's leading organisations in the mining, power, defence, and water industries.

Century employs over 120 skilled personnel at its state-of-the-art manufacturing facility in Edinburgh North, South Australia, where they have earned a solid reputation as a trusted manufacturer of critical equipment and components. Century Engineering has worked alongside major industry players, including the Government of South Australia, BAE System, ASC, Glencore, BHP, Thales, Rheinmetall and more.



THREE DAY COURSE

ASME

SECTION IX

Need to use ASME Section IX?
Learn how to minimise cost
and maximise qualification
usefulness.

The ASME code is the American Society of Mechanical Engineers (ASME) standard that regulates the design, development and construction of boilers and pressure vessels. ASME Section IX specifies the requirements for the qualification of welders and the welding procedure specifications. This three day course will give participants a working knowledge of ASME Section IX, including how to comply with its requirements.

WALTER J. SPERKO

The course will be facilitated by Walter J. Sperko, P.E., President of Sperko Engineering Services, a consulting firm specialising in metal fabrication technology, including material selection, welding, heat treating, inspection, quality assurance and failure analysis. He has particular experience in piping and pressure vessel fabrication, installation, maintenance and repair.

Previously, he was Quality Control Manager for RECO North Carolina, and he provided technical support in welding, metallurgy and fabrication for the parent company, Richmond Engineering Company. He was also employed by ITT Grinnell Industrial Piping, where he was responsible for technical interface between piping system designers and the fabrication shop, including all aspects of welding, fabrication and Code interpretation. He also worked for EBASCO Services in the Materials Engineering and Quality Compliance Department.



BRISBANE

7 TO 9 OCTOBER 2025

COURSE OVERVIEW

A review of the welding processes and variables, and basic steel welding metallurgy will be conducted to provide all participants with sufficient background in welding technology to interpret and understand Section IX. The mechanics of using Section IX and how to address its requirements will be explained in a simple, straightforward manner. Emphasis will be placed on writing welding procedures so that they contribute positively to the manufacturing process and on qualifying procedures in a cost-effective manner.

COST

- Weld Australia Members: \$3,610 inc GST
- Non Weld Australia Members: \$3,810 inc GST
- Payment is required at the time of booking. Cancellation four weeks prior to the start date will not be refunded.

COURSE DETAILS

- **Date:** 7 to 9 October 2025
- **Time:** 8.30am registration on day one; 9am to 5pm
- **Venue:** Amora Hotel, Brisbane



REGISTER NOW

QUESTIONS?

For further details, contact: Danielle Pennington on 0493 024 505 or d.pennington@weldaustralia.com.au

IT'S BACK AND BIGGER THAN EVER.

AUSTRALIA'S BIGGEST MANUFACTURING TECHNOLOGY SHOW.

Australia's premier manufacturing solutions event is coming to Melbourne in 2025. Explore leading solutions, demo the latest technology, and learn from Australia's top voices in manufacturing and technology.

Dedicated product zones and a curated speaker series, if its cutting-edge it's at AMW.

AUSTRALIAN MANUFACTURING WEEK

AMW2025

MELBOURNE

6-9 MAY, 2025 • MCEC, MELBOURNE



FREE TO ATTEND

Secure your spot today. Scan the QR code or visit www.australianmanufacturingweek.com.au to register.

400+
EXHIBITORS

AMW IS AN AMTIL INITIATIVE



AUSTRALIAN MANUFACTURING WEEK 2025

Registration is now open for the biggest precision engineering manufacturing show ever held in Australia.

AMW2025 is being held at the Melbourne Convention and Exhibition Centre (MCEC) in Melbourne, from Tuesday 6 May, through to Friday 9 May 2025. Organised and run by the Australian Manufacturing Technology Institute Limited (AMTIL), AMW2025 will host over 400 organisations taking stands to showcase the latest manufacturing technologies, processes, and support services.

The event, which will occupy 80% of the MCEC, will cover every aspect of manufacturing technology, from the largest machine tools to the smallest precision cutting tools. It will also include state-of-the-art support systems, software and accessories, and the myriad services essential to any manufacturing operation.

One of the many highlights of AMW shows is the Future Solutions Speaker Program, which begins on the first day of AMW2025. The various sessions have been hand-picked to cater to the industry's varied needs to tackle challenges and stay abreast of the latest trends.

"Come and hear from the best specialists in each field," said CEO of AMTIL, Lorraine Maxwell. "Our Future Solutions sessions will cover many aspects of manufacturing in Australia, as well as services surrounding and supporting our industry. We are all set for a great week."

AMW2025 will offer a wider spectrum of technologies vital to the modern manufacturing business than has ever been brought under one roof at an Australian exhibition before. To help visitors to the show navigate such a diverse line-up of exhibits, AMW2025 will feature

dedicated areas covering a range of specialised aspects of the modern manufacturing landscape:

- Additive Manufacturing Zone
- Australian Manufacturer's Pavilion
- Machine Tools
- Manufacturing Solutions
- Robotics & Automation
- Weld & Air Solutions

This is the ONE event showcasing the latest innovations, technologies, and equipment in the advanced manufacturing sector. Explore new opportunities, meet, and network with industry leaders and technology experts, all under ONE roof at ONE show.

With so much on show at such a large event, the challenge for AMW visitors is taking in everything available. Fortunately, assistance is at hand; AMW's organisers have teamed up with event management software experts Map Your Show to develop online tools to help you plan your visit. There will also be an AMW App to aid you in navigating the site. More details can be found on the AMW2025 website, so you can map your movements at AMW right now

"I think it's safe to say that every aspect of manufacturing today will be on display at AMW 2025," adds Kim Banks, Exhibition Director at AMTIL. "There will be something for everyone involved in manufacturing. Just ensure you set aside enough time to see it all." Be sure to visit Australian Manufacturing Week in Melbourne from 6 - 9 May 2025. This show is going to be massive!

Attendance is free and registration is required. Learn more and register: australianmanufacturingweek.com.au

REGISTER NOW

QUALIFICATION & CERTIFICATION

UPDATE

BERG ENGINEERING SUCCESSFULLY COMPLETES AS/NZS ISO 3834 AUDIT

Weld Australia is pleased to congratulate Berg Engineering in Gladstone on a successful surveillance audit to maintain their AS/NZS ISO 3824.2 certification. [Berg Engineering](#) has built a reputation for excellence on the back of two generations, and more than five decades, of Berg family passion. Founded in 1972, Berg has grown from a single room operation into multimillion dollar business.

With over 7,000m² of factory space and 23,000m² of external laydown, Berg has a 100 person strong workforce across two sites. Their multi-discipline workforce includes capabilities across engineering, estimating, NDT, welding, fabrication, fitting, and valve and pump repair and maintenance. Berg operates along the entire manufacturing chain from design and engineering to construction, commissioning and ongoing asset maintenance and optimisation.

AN UPDATE ON AICIP QUALIFICATIONS

Weld Australia has taken over both the In-Service Inspector (ISI) and Senior In-Service Inspector (SISI) certifications and examinations previously performed by the Australian Institute for the Certification of Inspection Personnel (AICIP).

Weld Australia will contact all the certified individuals with instructions on how to access and manage their certifications through the WeldQ platform.

WELDQ UNDERGOES AN UPDATE

WeldQ is currently undergoing an update to its user interface and examination features. The updates should be completed towards the end of February. User accounts will remain unchanged as we roll out the new updates.

WeldQ FREE DIGITAL ID CARD

Weld Australia has an online platform for qualifications and certifications called [WeldQ](#).

The WeldQ platform is a fully internet enabled cloud based system with a supporting mobile app. Through WeldQ you can apply for examinations and certifications online, and keep a detailed record of your work history and qualifications—without needing a plastic ID card.

WeldQ is available for welders, inspectors, supervisors, and coordinators to manage their qualifications and certifications, and to use as a digital ID card or wallet (see the screenshot below). The WeldQ app can be used to view your digital Welder, Supervisor or Certification cards, awarded diplomas and certificates, status and results of applications, and WeldQ emails.

WeldQ is connected to the Australian Welder Certification Register (AWCR) which is managed by Weld Australia.

Do You Have an Existing WeldQ Account?

A WeldQ profile was created by Weld Australia for all people who gained qualifications or certifications from 2000 onwards both through Weld Australia (formerly known as the Welding Technology Institute of Australia, (WTIA)), and the IIW (issued in Australia). To check if you have an existing WeldQ profile, send an email to qnc@weldaustralia.com.au with your full name, date of birth and mobile phone number.





NEWLY

QUALIFIED



EXAM

CALENDAR

WELD AUSTRALIA'S EXAM CALENDAR

Do you need to book an exam through [WeldQ](#)? We've made the process even easier, with our new exam calendar, which can be accessed via the [WeldQ homepage](#). The calendar includes all exam dates for 2025, making planning ahead as simple as possible. Upcoming exam dates include:

- Friday 14 February: National Welding Supervisor Exam Papers A B1 and B2
- Wednesday 26 February: Re-sit/Online Exam (All Qualifications)
- Wednesday 5 March: WTE-B/WTE-S Online Exam
- Wednesday 26 March: Re-sit/Online Exam (All Qualifications)
- Friday 28 March: IWS: SA1 Online Exam

FURTHER INFORMATION

For further information about exams and qualifications, simply email our team via: qnc@weldaustralia.com.au

Weld Australia would like to congratulate everyone who qualified in January.

IIW INTERNATIONAL WELDING TECHNOLOGIST

- Andrew Bryant
- Barry Smith
- George Frederick Kruger
- Ian Thorne
- Jaeuk Jeong
- Stephen Reynolds

AS 1796 CERTIFICATE 4

- Amber Leyshan
- Dustin Heyden

AS 1796 CERTIFICATE 5

- Amber Leyshan
- Dustin Heyden
- Jake Pooley

IIW INTERNATIONAL WELDING ENGINEER (IWE)

- Aaron Castle
- Ashley Truswell
- Basil Baby
- Kingsley Brown
- Morgan Gibbons

AS 1796 CERTIFICATE 7

- Dustin Heyden
- Jake Pooley
- Mykle Sullivan
- Shaun Fenning

AS 1796 CERTIFICATE 8G

- Lucas Mcculloch

AS 2214

- Godwin Agbara
- Stephen Payne

AS 1796 CERTIFICATE 10

- Baylee Rigby

AS 1796 CERTIFICATE 2

- Amber Leyshan
- Dustin Heyden
- Jake Pooley

AS 1796 CERTIFICATE 11

- Bradley Day
- Stuart Thomas

AS 1796 CERTIFICATE 3E

- Reuben Joiner



KICK-START YOUR WELDING CAREER

ENROL IN A WELD AUSTRALIA TRAINING COURSE NOW



IIW INTERNATIONAL WELDING ENGINEER (IWE)

Starts 13 March 2025

This course provides you with a detailed understanding of welding technology, and the ability to comprehensively manage, perform, supervise and oversee all company welding and welding-related activities. You'll be able to verify that all relevant quality controls are adhered to.

ENROL NOW

IIW INTERNATIONAL WELDING INSPECTOR BASIC (IWI-B)

Starts 7 May 2025

The IWI-B course is a globally recognised International Institute of Welding (IIW) qualification. You will gain comprehensive knowledge in non-destructive testing, mechanical and visual inspection techniques, Inspection procedures and acceptance criteria and identification of weld imperfections.

ENROL NOW

IIW INTERNATIONAL WELDING INSPECTOR STANDARD (IWI-S)

Starts 7 May 2025

This course provides advanced knowledge of welding and inspection theory and application, including NDT, mechanical and visual inspection techniques, inspection procedures and acceptance criteria, identification of weld imperfections associated with pre-production, fabrication, and post fabrication.

ENROL NOW

FACE-TO-FACE IWI-B IN MACKAY

Starts 7 April 2025

Our face-to-face training is offered over a one-week block. The first four days will consist of theory and practical training and the final day will be the practical examination. The theory exam will be online the following week. This course provides general knowledge of welding, inspection theory and application.

ENROL NOW

FACE-TO-FACE WELDING SUPERVISOR IN MACKAY

Starts 2 June 2025

A Welding Supervisor qualification expands your career horizons enormously. Welding Supervisors play a vital role in industry—they understand the factors that influence welding quality, how to oversee welders effectively, and the variables that help maximise welding productivity.

ENROL NOW

FACE-TO-FACE IWI-B IN SINGLETON

Starts 14 July 2025

The IWI-B course is a globally recognised International Institute of Welding (IIW) qualification. You will gain comprehensive knowledge in non-destructive testing, mechanical and visual inspection techniques, Inspection procedures and acceptance criteria and identification of weld imperfections.

ENROL NOW



Need help? Contact our Training team via training@weldaustralia.com.au



IN-HOUSE TRAINING

Considered in-house training for your team? It's convenient, tailored, cost-effective and collaborative.



TAKE YOUR BUSINESS TO THE NEXT LEVEL

Weld Australia currently has a few—very rare—one-week blocks available in March, May and July. All our in-house training courses need a minimum of 10 students.



OUR MOST POPULAR IN-HOUSE COURSES



IIW International Welding Inspector - Basic (IWI-B)
This internationally recognised course provides extensive knowledge surrounding welding, inspection theory and application.



Welding Fundamentals
This course covers significant issues that may arise with welded components, welding processes, weld defects and testing, and welder qualification.



Welding Supervisor - AS 2214 and AS 1796 Cert 10
Our course covers welding processes, terminology and technology; welding metallurgy; weld testing and inspection; standards and specifications; and more.

For information, or to book your in-house course, contact us via 1800 189 900 or training@weldaustralia.com.au



weldaustralia.com.au





EXPAND YOUR AUDIENCE.
GROW YOUR BUSINESS.

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For further information, contact Michelle Tagliapietra
on m.tagliapietra@weldaustralia.com.au