

# WELD CONNECT

JUNE 2025

Registrations for  
the 2025 National  
Manufacturing  
Summit Open >>>

A Spotlight  
on Jayben  
Group's ScorpMFR  
Scaler >>>

ACCIONA  
Awarded  
AS/NZS ISO 3834.2  
Certification >>>



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 **Weld  
Australia**

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# A MESSAGE FROM OUR CEO

GEOFF CRITTENDEN



## LIFTING AUSTRALIA'S PRODUCTIVITY: IT'S TIME FOR REAL REFORM

Australia's productivity growth is at its lowest level in 60 years. Despite decades of dialogue around reform and investment, we continue to fall behind our global competitors.

Productivity is one of the most powerful levers we have to improve living standards and control inflation. Yet, growth has stagnated at just 0.5 per cent over the past year. To simply match the already modest gains of the last decade, we'd need to quadruple that rate to around 2 per cent annually by 2030.

This downward trajectory is eroding our economic prosperity, placing pressure on national infrastructure programs, and weakening real wages and living standards.

It doesn't have to be this way.

Productivity isn't a mystery—it's a policy choice. And right now, some of our choices are holding us back. Among them, fragmented occupational licensing schemes and a patchwork of standards that add cost and complexity without clear benefit.

As Australia's national authority on welding, Weld

Australia recently made a submission to the Productivity Commission's National Competition Policy Review. In it, we highlighted two key opportunities that could drive real, lasting productivity gains across construction, fabrication, manufacturing, and engineering: a unified national licensing framework for tradespeople, and greater clarity and consistency in the application of Australian and international standards.

### The Licensing Paradox

Across the trades, Australia's licensing arrangements are inefficient at best and dysfunctional at worst. For example, bricklayers must be licensed. Electricians can become licensed straight out of TAFE. Yet every state and territory applies different rules, overseen by different bodies, often with inconsistent competency benchmarks.

The Productivity Commission has rightly identified occupational licensing as an area ripe for reform. In theory, licensing protects safety and quality. In practice, it's a broken system that delivers neither. There is little assurance that licensed individuals meet real-world competency expectations, and virtually no national consistency.

In welding, we've taken a different path—an industry-led approach to certification. For decades, Weld Australia has overseen certification of welders to recognised



Australian and international standards, ensuring they are competent to carry out high-risk, high-consequence work. This process is robust, auditable, and backed by accreditation bodies like JAS-ANZ and the International Institute of Welding (IIW).

It works—and more importantly, it works across borders. Certification to ISO 9606 or AS/NZS ISO 1554 ensures a welder is job-ready anywhere in the country. A national licensing scheme should adopt this same philosophy: assess competency, not just coursework; enable mobility, not bureaucracy; and demand rigour, not red tape.

The current system enables a person fresh from TAFE to undertake complex electrical work, while simultaneously requiring licensed trades in areas where competency has not been adequately tested. This lack of consistency not only compromises safety and quality but stifles productivity. Employers must navigate a maze of licensing bodies, pay duplicate fees, and absorb unnecessary delays in project delivery.

We support a national licensing scheme—but only if it puts competency first. It must be tied to practical, standardised assessments that are recognised across jurisdictions. Otherwise, we're simply reshuffling the deck chairs on a ship that's already listing.

Weld Australia recommends the following:

1. State based licensing should be replaced by a national licensing system run by the appropriate trade body.
2. Qualification and certification must be mandatory for all trades.
3. Trade training must include a test to standard.
4. Uncertified tradespeople must not work unsupervised.

### The Role of Standards

The Productivity Commission also asked whether Australia should abandon national standards in favour of international alternatives. Our view is clear: the idea is not only impractical, but deeply misguided.

There's no doubt that harmonising certain standards can support trade, particularly in regulated product markets. But to suggest we abandon Australian Standards altogether is to misunderstand their value. Our standards are designed for Australian conditions, be they environmental, industrial, or economic. They reflect decades of experience in construction, engineering, and manufacturing under our unique regulatory and climate settings.

Weld Australia collaborates closely with Standards Australia and international bodies like ISO. In fact, many of our national welding standards are already aligned with ISO equivalents where appropriate. But adopting international standards wholesale would introduce unnecessary complexity, especially when those standards are bureaucratic, inconsistent, or irrelevant to Australian industry practice.

What's more, the real issue isn't which standards we use—it's whether they're being complied with. Right now, many imported fabricated steel components enter the Australian market without meeting any recognised standard, Australian or international. This not only creates a safety risk but undermines compliant Australian businesses that are doing the right thing.

The priority for reform should not be a switch to ISO for the sake of appearances. Instead, we need to strengthen compliance mechanisms, invest in quality assurance, and ensure fair competition by holding all market participants to the same bar, regardless of origin.

### Fixing Fragmentation, Fostering Competency

The overarching problem in both licensing and standards is fragmentation. Every state and territory runs its own licensing agenda. Every procurement agency seems to interpret compliance differently. The result? Costly inefficiencies, lost productivity, and a national workforce that struggles to move where it's needed most. Consider this: in the construction industry, while the number of workers has increased in the past decade, output per worker has reduced. On average, people are working two hours less per year with 25.4% lower





output—calculated as construction work completed divided by the number of workers. For example, worker output in 2023 was \$180,100, compared with \$196,800 in 2018. With demand for skilled workers continuing to outpace the available supply, greater productivity is key to raising worker output.

Skilled labour shortages persist, yet our systems prevent qualified people from moving between jurisdictions or gaining recognition for their skills.

The solution isn't another layer of policy. It's simplification. A national licensing system, based on real competency. A clear framework for standard adoption, focused on outcomes, not politics. Stronger enforcement of quality expectations, not weaker ones. And training systems that prepare workers for real jobs—not just certifications on paper.

### A Better Way Forward

Weld Australia is leading by example. We've proposed a new productivity-based training scheme that gives fabrication businesses the resources to train staff internally, supported by our advanced learning modules and instructor accreditation. We are also fast-tracking certification for production welders so businesses can access qualified workers in weeks, not years.

At the same time, we're conducting research into welder productivity across jurisdictions. Our findings suggest that Australian welders average just two hours of arc-on-time per day, compared to five hours in Germany or the US. We're investigating how technology, such as collaborative robots (cobots) and Trades Assistants, can help overcome bottlenecks in materials handling and prep work, freeing qualified welders to focus on high-value tasks.


These are tangible, grassroots solutions, designed by industry, for industry. If we truly want to lift Australia's productivity, we need to move beyond theoretical policy debates and start acting on what works.

### More Than Just Another Report

The Productivity Commission's review is an important opportunity. But it must be more than just another report. If we are serious about revitalising productivity, we need bold action. That means unifying trade licensing around demonstrated competency. It means safeguarding Australian standards where they serve us best. And it means enforcing compliance to protect local jobs and communities.

The reforms we need aren't radical—they're rational. But they require leadership, collaboration, and a willingness to put practical outcomes ahead of politics. The future of Australian industry depends on it.

  
Geoff Crittenden  
CEO, Weld Australia



**JUST IN**  
**BREAKING NEWS**

[4BC Radio: live interview with Geoff Crittenden on Friday 30 May](#)

[2GB Radio: live interview with Geoff Crittenden on Tuesday 27 May](#)

[ABC Radio Illawarra: live interview with Geoff Crittenden on Thursday 22 May](#)

[ABC Radio Illawarra: live interview with Simon Terry \(CEO, Dux\) on Thursday 22 May](#)

[2BS Bathurst Radio: live interview with Geoff Crittenden on Thursday 22 May](#)

[2FM Radio Radio: live interview with Geoff Crittenden on Thursday 22 May](#)

[Strengthening Australia's manufacturing resilience: Skills, sovereignty and solutions, published by Manufacturers Monthly](#)

[Weld Australia repurposes welding simulators to empower future workforce, published by Australian Manufacturing](#)

[Weld Australia Launches ArcAhead, published by AuManufacturing](#)

[ArcAhead – Turning yesterday's tools into tomorrow's opportunities, published by Manufacturers' Monthly](#)

[Weld Australia wants national inspection, published by AuManufacturing](#)

[Weld Australia calls for national inspection regime, published by Manufacturers' Monthly](#)

[Weld Australia urges gov't to enforce inspections on imported steel, published by Australian Manufacturing](#)

[Registrations open for 2025 National Manufacturing Summit in Sydney, published by Australian Manufacturing](#)

[Registrations open for 2025 National Manufacturing Summit, published by Manufacturers' Monthly](#)

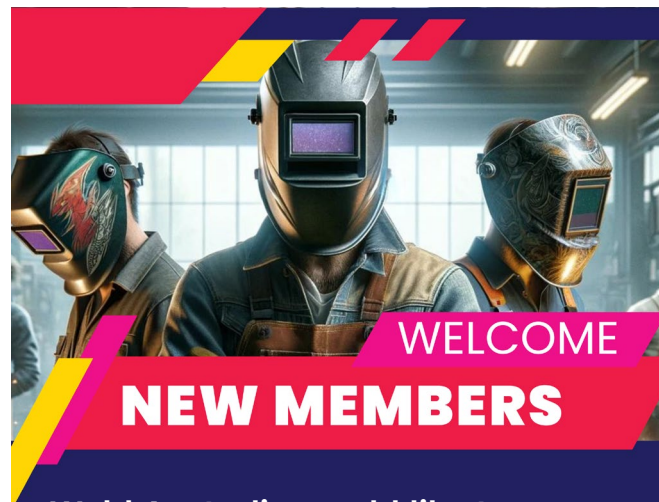


## WANT TO DISCOVER HOW WELD AUSTRALIA CAN SUPPORT YOU THROUGH MEMBERSHIP?

Questions? Queries? Wondering how Weld Australia can help support your business, staff or career progression?

Contact David Choudry (Membership Manager, Weld Australia) on [d.choudry@weldaustralia.com.au](mailto:d.choudry@weldaustralia.com.au) to set up a 20 minute Zoom chat. David will take you through the ways that Weld Australia can help.

If you're not sure if you have renewed for this year, or you want to renew now, log into the [Member Portal](#) or contact us on [membership@weldaustralia.com.au](mailto:membership@weldaustralia.com.au)



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

### CORPORATE MEMBERS

- Dux Hot Water: [dux.com.au](http://dux.com.au)

### INDIVIDUAL MEMBERS

- Joel Kohinga
- Stuart Leigh Irrgang
- Mario Tolberg
- Daniel Harrison
- Jaewoo Seol
- Moshe Manaoat





# MASTERTIG – NEW MASTER OF AC AND DC TIG WELDING

Perfect for professional welders, the **MasterTig ACDC** welding machine sets new standards for weld quality, usability and power efficiency. Made in Finland, feature-rich, robust and with a modular design, it can be tailored to your exact needs.

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Or visit [www.kemppi.com](http://www.kemppi.com)



DESIGNED FOR WELDERS

We're pleased to invite you to attend the 2025 National Manufacturing Summit at the Shangri-La Sydney. With the theme 'Manufacturing Australia's Future: Local Strength, Global Impact', the Summit comes at a critical time for Australian industry and will focus on bold, actionable steps to revitalise the nation's manufacturing sector.

## A SPOTLIGHT ON OUR DINNER SPEAKERS

### THE HON ANOULACK CHANTHIVONG MP

*New South Wales Minister for Better Regulation and Fair Trading, Minister for Industry and Trade; Minister for Innovation, Science and Technology, Minister for Building; and Minister for Corrections*

After graduation, Anoulack completed a Bachelor of Commerce at the University of Sydney and later undertook postgraduate studies in economics and public administration at the University of Sydney and the London School of Economics. Before entering Parliament, Anoulack worked as an economist for 13 years and served as a councillor and later as mayor on Campbelltown City Council. After his election as Member for Macquarie Fields in 2015, he served as Shadow Minister for Finance and Shadow Minister for Industry and Trade between 2021 and 2022. Following the election of the Minns Labor Government in March 2023, Anoulack was appointed Minister for Better Regulation and Fair Trading, Minister for Industry and Trade, Minister for Innovation, Science and Technology, Minister for Building and Minister for Corrections.



### RICHARD DENNISS

*Executive Director, Australia Institute*

Executive Director of the Australia Institute, Dr Richard Denniss is a prominent Australian economist, author and public policy commentator, and has spent the last twenty years moving between policy-focused roles in academia, federal politics and think-tanks. He was also a Lecturer in Economics at the university of Newcastle and former Associate Professor in the Crawford School of Public Policy at ANU. He is a regular contributor to The Monthly and the author of several books including: *Econobabble*, *Curing Affluenza* and *Dead Right: How Neoliberalism Ate Itself* and *What Comes Next?*



## PROGRAM NOW AVAILABLE

The full program for the 2025 National Manufacturing Summit is now available, offering a powerhouse line-up of expert speakers and thought-provoking sessions that tackle the biggest issues facing Australia's manufacturing sector. With appearances from leading policymakers, economists, industry CEOs, and innovators, this year's agenda is designed to spark real change. From enforceable local content mandates to strategies for sovereign capability and future-ready skills, the program is packed with insights you won't want to miss.

Among the keynote speakers are the Hon Tim Ayres, Federal Assistant Minister for Future Made in Australia; Tim Buckley (Clean Investment Australia); David Shankey (Net Zero Economy Authority); Simon Terry (Dux Hot Water); and more.

[REGISTER NOW](#)

[VIEW THE PROGRAM](#)

## WITH THANKS TO OUR SPONSORS



Australian Government  
Department of Industry,  
Science and Resources



Queensland  
Government





REGISTER  
**NOW**

# NATIONAL MANUFACTURING SUMMIT 2025

**MANUFACTURING AUSTRALIA'S FUTURE**  
LOCAL STRENGTH, GLOBAL IMPACT  
23 & 24 JULY 2025 | SHANGRI-LA SYDNEY



# NEWS FROM THE **WELD AUSTRALIA TEAM**



## A WARM WELCOME TO THE NEWEST MEMBER OF OUR TEAM

**Weld Australia would to welcome the newest member of our team. Based in Adelaide, Lucas Bendo-Watson has joined us in the role of Business Development Manager.**

Lucas is a seasoned business and market development professional with extensive experience in business growth for advanced products in the nuclear, oil and gas, food and beverage, water desalination, and pharmaceutical sectors. With a career that spans over two decades, Lucas has built a strong reputation for driving business growth, spearheading product innovation, and establishing strategic distribution networks globally.

Prior to joining the Weld Australia team in 2025, Lucas was the Head of Market Development at Codeac Solutions in London. In this role, he led the introduction of a pioneering colorimetric nuclear detection technology.

Lucas also held key roles at K-TIG Advanced Welding Systems, starting as a Senior Sales and Commissioning Engineer in Adelaide before being appointed Head of Market Development, where he led the company's successful expansion across the UK and Europe.

With a hands-on background in mechanical piping and welding, Lucas started his career as a boilermaker



and pipe fitter. He excelled in senior engineering and supervisory roles across major infrastructure projects in Australia, including the Ichthys LNG and Santos GLNG projects. Lucas holds a Trade Certificate – Engineering (Fabrication) and is a Coded Welder in ASME IX and other applicable pressure welding codes.

With both technical welding expertise and commercial acumen, Lucas brings a wealth of experience, strategic insight, and industry leadership to Weld Australia's mission of advancing welding excellence.





# 2025 WELDING EXCELLENCE AWARDS



## ENTRIES ARE NOW OPEN FOR THE 2025 WELDING EXCELLENCE AWARDS

Weld Australia's Excellence Awards are the most prestigious event on the welding industry calendar. The Awards embody and promote the highest standards of craftsmanship, quality and professionalism. The 2025 Welding Excellence Awards are a fantastic opportunity for welders, fabricators and educators across Australia to showcase their people and their operations. Winners will be awarded in each state for each of the award categories below.

### ENTER THE AWARDS

Entries must be submitted via the specific online form for each category by midnight on 5 September 2025. These forms can be found on the [Weld Australia website](#). Before starting your entry, download the Award Criteria:

- [Company of the Year – Fabrication](#)
- [Company of the Year – Supplier](#)
- [Indigenous Company of the Year](#)
- [Health & Safety in Welding](#)
- [Project of the Year](#)
- [Welding Professional of the Year – Welding Coordinator](#)
- [Welding Professional of the Year – Welding Supervisor](#)
- [Welding Professional of the Year – Welding Inspector](#)
- [Young Trades Person of the Year \(under 25 years of age\)](#)
- [Trades Person of the Year \(25+ years of age\)](#)
- [Young Indigenous Trades Person of the Year](#)
- [VET in Schools Student of the Year](#)
- [Training and Education Award – Organisation](#)
- [Training and Education Award – Individual Teacher](#)
- [Ken Trevena Award – South Australia Only](#)
- [Mick Cudmore Award – Western Australia Only](#)

**ENTER THE AWARDS NOW**

### ATTEND THE AWARDS

The awards will be presented at events held across the country in October and November:

- [Queensland & NT: Thursday 9 October at Victoria Park, Herston Road, Herston](#)
- [NSW & ACT: Thursday 23 October at Strathfield Golf Club, 52 Weeroona Road, Strathfield](#)
- [Victoria & Tasmania: Wednesday 12 November at RACV Club, 501 Bourke Street, Melbourne](#)
- [Western Australia: Thursday 27 November at DoubleTree by Hilton Perth Waterfront, 1 Barrack Square, Perth](#)
- [South Australia: Thursday 4 December at Adelaide Pavillion, Veale Gardens, Corner South Terrace & Peacock Road, Adelaide](#)

## WITH THANKS TO OUR NATIONAL AWARDS SPONSORS



## WITH THANKS TO OUR STATE AWARDS SPONSORS



# Help shape the future of Australian manufacturing



The TAFE NSW Manufacturing Centres of Excellence has a range of fully subsidised microskills courses. Learn online and on-demand to upskill in as little as 2 hours. Ready to be part of a smarter, stronger, greener future in manufacturing?

Enrol for free today.

Specialising in:

- + Heavy Manufacturing
- + Advanced Manufacturing
- + Net Zero Manufacturing



## TAFE NSW CENTRES OF EXCELLENCE POWERING THE FUTURE OF MANUFACTURING THROUGH NEW ONLINE SHORT COURSES

Australia's manufacturing sector is undergoing rapid transformation, and TAFE NSW Manufacturing Centres of Excellence are at the forefront, delivering education and training designed for students, apprentices and employers across the state to upskill in emerging industry needs across engineering, transport, and renewable energy.

Jointly announced last year by the State and Federal Governments, the centres will play a key role in preparing the next generation of manufacturing workers to be job-ready from day one, with the first four short, sharp online courses now open for enrolments:

- **Discover renewable manufacturing careers:** a microskill introducing the industries, technologies and practices enabling renewable manufacturing.
- **Discover advanced manufacturing careers:** a microskill introducing advanced manufacturing and its role in driving innovation and sustainability.
- **Maths foundations in the manufacturing industry:** a microskill supporting students and workers with mathematical concepts in a manufacturing setting.
- **Generative design and analysis:** a microcredential providing specialised training in advanced computer-aided drafting software for manufacturing product design and modelling to solve real-world challenges.

These government-funded, self-paced microskill courses range from one to five hours to complete and provide a solid introduction to emerging job opportunities and more hands-on skills development through the first microcredential.

Having recently completed the introductory microskill—Discover renewable manufacturing careers—TAFE NSW apprentice in Engineering - Mechanical Trade, Jess Drewell, said "I loved it, it was bite-sized, I finished it in

a couple of hours and the content was relevant to the industry I'm working in."

"I think it's great that TAFE NSW is putting out these courses as it gives people the opportunity to be at the forefront of something really exciting."

TAFE NSW Senior Manager - Operations and Integration, Jon O'Neill, explains the focus of the first microcredential—Generative design and analysis—with generative design being a new, emerging skill that's critical to the future of manufacturing, enabling manufacturers to design more efficient componentry using less materials.

John said, "It's new technology that's being built into Computer Aided Design (CAD) software, and what we're doing through the Manufacturing Centres of Excellence is giving manufacturers access to that skill and that training, to uplift them and give them new opportunities to be more efficient, and innovate with their designs."

These first four online courses are just the start of the education and training opportunities to be delivered through the centres over the coming years, with the piloting of two new Higher Apprenticeships to come. Developed in close collaboration with industry, the Higher Apprenticeships will ensure high-quality, industry-responsive education and training, creating innovative educational pathways that bridge the gap between vocational training and higher education.

The Manufacturing Centres of Excellence are a joint initiative between the Australian Government and NSW Government under the National Skills Agreement. To learn more about the free courses offered by the TAFE NSW Manufacturing Centres of Excellence, [visit the TAFE NSW website](#).



# INDUSTRY

## NEWS



### NEW VICTORIAN INDUSTRY POLICY LAUNCHED

Victorian Minister for Industry and Advanced Manufacturing, Colin Brooks, has launched the Victorian Industry Policy to grow local industries, back cutting-edge technologies and strengthen the economy.

Building on the priority sectors outlined in the Economic Growth Statement, the industry policy provides additional focus on key industries and technologies where Victoria can leverage existing strengths and develop new competitive advantages.

“This policy builds on the Economic Growth Statement to grow the industries that will power Victoria’s future – and making sure Victorians are the ones who benefit from it,” said Brooks. “We’re backing the people and businesses who drive our economy – with secure jobs, stronger local supply chains, and a more self-reliant economy that benefits all Victorians.”

The Victorian Industry Policy is anchored around four core principles:

- Aligning skills to the needs of industry.
- Growing the state’s industrial base.
- Capturing opportunities in emerging and nascent industries.
- Ensuring energy security as Victoria transitions.

### \$100 MILLION COMMITMENT TO TAFE WA

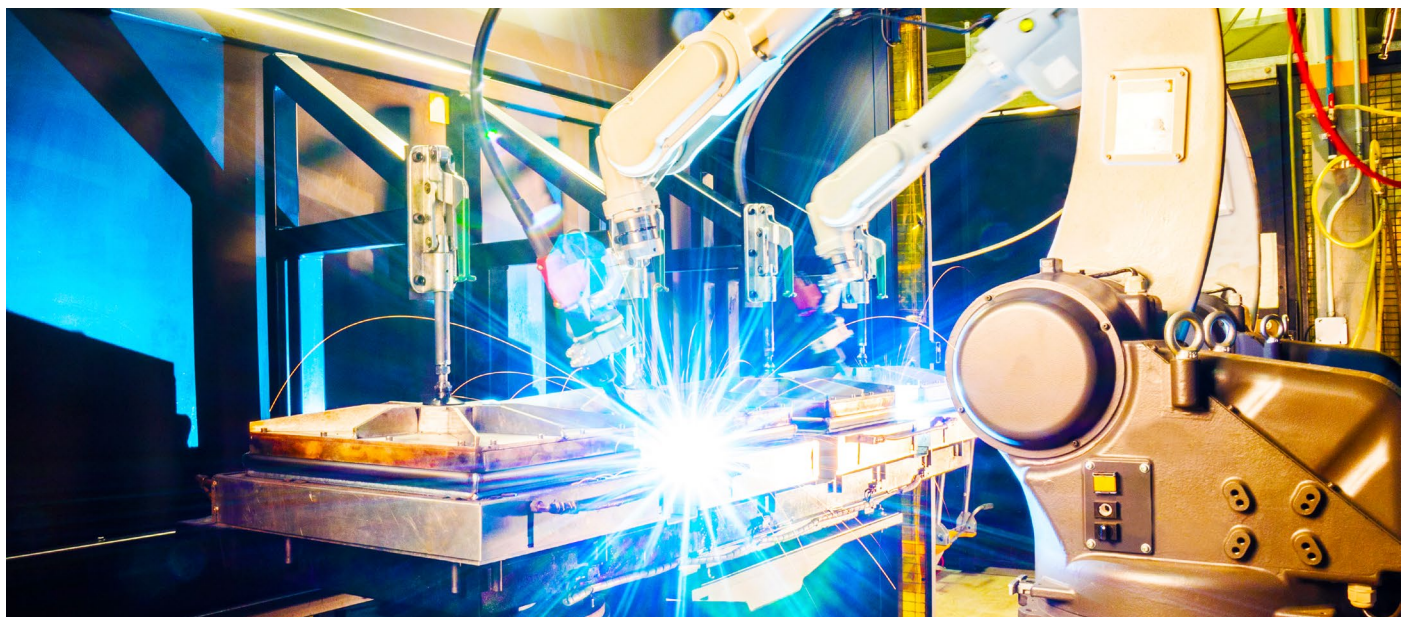
The Western Australian Government has committed \$100 million from the 2025-26 State Budget to keep TAFE WA course fees unchanged in 2026 and \$21.9 million to fund more fee-free building and construction courses.

The Budget investment delivers on the Western Australian Government’s commitment to ensuring all Western Australians can access affordable, world-class training, regardless of where they live.

“We recognise that TAFEs play a vital part in growing our State’s workforce, ensuring they are well-skilled for the jobs of tomorrow,” said premier Roger Cook.

“Our Made in WA plan will continue to diversify and strengthen the economy, meaning there will be local jobs for these well-trained students when they graduate.”

Fee settings for 2026 will remain unchanged from 2025, across fee-free and low fee courses, providing more training opportunities for Western Australians. To the end of April 2025 there have been 28,464 enrolments in fee-free qualifications and skill sets and 35,010 enrolments in Lower fees, Local skills qualifications, which reduce course fees by up to 72 per cent.





# ArcAhead Program

TURNING YESTERDAY'S  
TOOLS INTO TOMORROW'S  
OPPORTUNITIES



## WHY UPGRADE?

Upgrading ensures your training offering remains best-in-class and future-proofed against changing industry needs. Soldamatic 5.0 Key Features:

- ✓ Enhanced realism and immersive welding environments
- ✓ Updated training content aligned with industry standards
- ✓ Improved analytics, reporting, and instructor tools
- ✓ Integration with new training modules and skill assessments
- ✓ Better hardware ergonomics and user experience

**15%  
OFF**

Participants not only receive a 15% discount on new hardware but also make a meaningful social impact.



## PROGRAM WORKFLOW



### Step 1: Eligibility Assessment

Weld Australia will review your existing simulator fleet to confirm model and condition eligibility.



### Step 2: Trade-In Proposal

You will receive a customised quote for your upgrade, including the 15% discount.



### Step 3: Community Nomination

We'll collaborate with you to nominate a community or school to receive your legacy simulators.



### Step 4: Equipment Handover

Legacy units are collected, assessed, and prepared for reuse by your nominate community organisation.



### Step 5: Donation & Support

Simulators are delivered along with basic orientation materials and optional on-site support or demonstration days.



**LEARN MORE**

For further information, contact:  
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Weld Australia) on 0467 419 657 or  
b.mitchell@weldaustralia.com.au

# UPCOMING EVENTS

Need help or  
further details? Contact  
[events@weldaustralia.com.au](mailto:events@weldaustralia.com.au)

## **VICTORIA Q&A CAREER PATH NIGHT** 3 July 2025 | 5:30pm to 7:00pm AEST Chisholm Institute, Dandenong

Join Weld Australia, Chisholm, and SEMMA for a session designed to showcase the wide-ranging career opportunities available in the welding and fabrication industry. Learn about the diverse roles that welding can lead to, from inspection and supervision to robotics, engineering, and beyond.

This free event is designed to help school leavers, apprentices, and tradespeople explore what's possible. Attendees will have the opportunity to:

- Discover different career paths
- Learn about training and upskilling options
- Hear real stories from people who started out just like you
- Ask questions and get real answers

Whether you're a student, parent or looking for a career change — this is the place to be.

**REGISTER NOW**

## **WELDING FUME MITIGATION AND CONTROL** 31 July 2025 | 6:00pm to 9:00pm AEST TAFE NSW Wetherill Park

This event will enable business owners, managers, welders, trainers, and members to engage with cutting-edge solutions like on-gun fume extraction systems, hooded capture extraction, welding helmets with powered air-purifying respirators, portable fume extractors, and optimised shielding gases.

Dr Cornelius Van Niekerk from Weld Australia will present on welding fume mitigation and control, including recent changes to the workplace exposure standard for welding fumes, which has been reduced from an 8-hour time-weighted average (TWA) of 5 mg/m<sup>3</sup> to 1 mg/m<sup>3</sup>.

Exhibitions and product demonstrations by Apex Welding Safety (AWS), South Pacific Welding (SPW/BOC), SMENCO, Kemppi, Welding Industries Australia (WIA) and Fantech.

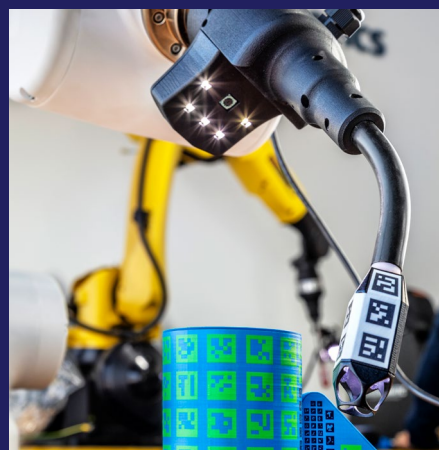
**REGISTER NOW**

## **ADVANCED WELDING & AUTOMATION ROADSHOW: STUDENT EXPERIENCE & TEACHER PROFESSIONAL DEVELOPMENT** Gold Coast | 22 to 29 July

Ignite a passion for Advanced Manufacturing in your students. Spark your students' interest in advanced trades and future focused careers.

This July, Weld Australia and Queensland Government are joining forces for:

- 1. Teacher Personal Development Day:** Designed specifically for teachers in the Gold Coast who want to stay ahead of the curve in STEM, trades and technology.
- 2. Student Engagement Days:** Bringing an interactive welding and automation tech day to high schools across the Gold Coast. Students will have the opportunity try augmented reality welding and cobots.



**REGISTER NOW**



# 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



### QUESTIONS?

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



# WELDED STRUCTURES TWO DAY COURSE

Weld Australia recently hosted the very successful two day course on Weld Structures in Brisbane. The course was also facilitated online for the first time, enabling interstate attendees to attend without the travel.

Facilitated by USA expert Pingsha Dong, the course covered 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 were also discussed.

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

The first day focused on residual stress and distortion control: considerations from design to construction, including:

- Simple descriptions on how residual stress is generated in manufacturing
- How are distortions related to residual stress?
- How to quantify the importance of residual stresses to structural integrity
- Typical distortion types and control methods

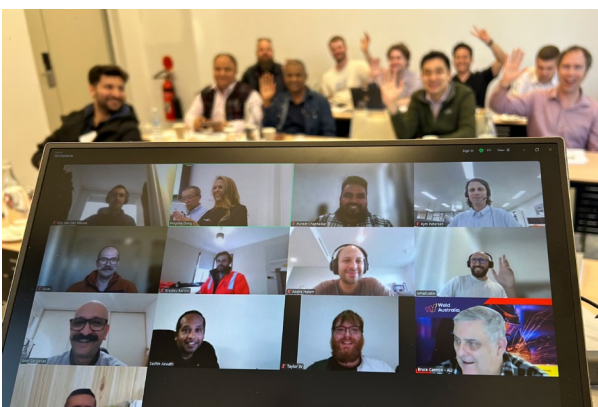
- Real-world case studies in industries like shipbuilding, pressure equipment and aerospace

Day two focused on fatigue design methods for welded structures, including:

- Unique fatigue behaviors in welded structures
- Traditional fatigue design and life evaluation methods like nominal, hot spot and notch stress methods
- Mesh-insensitive structural stress method adopted ASME B&PV Code
- Fatigue resistant joint design and examples

The feedback from all attendees was very positive, with everyone gaining in-depth, practical skills and knowledge.

Don't forget: [Weld Australia's ASME Section IX Three Day Course](#) is coming up. It will be held in Brisbane on 7 to 9 October 2025. 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. Facilitated by Walter J. Sperko the course will give attendees a working knowledge of the standard, including how to ensure compliance.





# LASER WELDING & ADVANCED ULTRASONICS FOR WELD TESTING EVENT

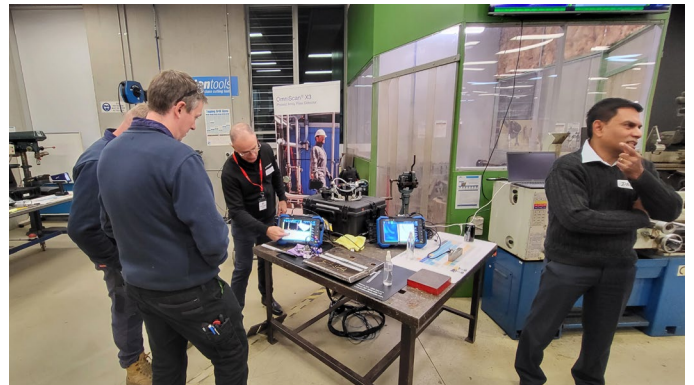
In conjunction with the AINDT and Ringwood Training, Weld Australia recently hosted a technical evening. Attendees were treated to a live demonstration of a joint being laser welded, followed immediately by phased array ultrasonic inspection - a powerful demonstration of how NDT works in tandem with advanced welding techniques.

Evident Scientific showcased a phased array inspection of a 25mm multi-pass weld from one of the welding apprentices. The setup, displayed live on a large overhead monitor, drew considerable interest.

One favourite was the 'heavy industry' plasma cutter - the only one of its kind at any Australian training facility - slicing through 16mm carbon steel with precision in under 30 seconds. The noise, sparks, and molten spray were impressive (from a safe distance), and the machine's capability of cutting up to 80mm in a single pass was a standout talking point.

The highlight was the chance to try out manual laser welding, following an engaging talk and Q&A. Attendees were both fascinated and relieved to learn about the unit's extensive safety systems - capable of damaging eyesight at 150 metres in milliseconds if misused. Equally impressive was how minimal the heat input was, with the welded component cool to the touch immediately after fusion.

The evening closed with pizza and networking, allowing professionals from across disciplines - NDT, welding, training, and engineering - to share stories and ideas. The event reinforced how beneficial cross-industry events can be.



Cameron Jamieson from Industrial Laser Solutions



Paul Trigg from Evident Scientific



Nick Eleftheriou from Evident Scientific



David Wilson from Ringwood Training





## A SPOTLIGHT ON JAYBEN GROUP'S ScorpMFR SCALER

For nearly a century, Jayben Group has been a cornerstone of Australian manufacturing, transforming from a small machining business into a powerhouse of innovation. Specialising in powertrain products and bespoke industrial solutions, Jayben's commitment to quality, cutting-edge technology, and a can-do attitude sets them apart.

In the last five years, Jayben has focused on contract manufacturing. One notable project that the company has designed, manufactured and commissioned is the ScorpMFR Scaler for mine face restoration in partnership with Grange Resources. Danny commented, "The ScorpMFR Scaler is suspended off two large winches, and can traverse up to 100m vertically down the face of a mine wall to scale the loose rock from the wall and restore the rock catchment capacity of the horizontal benches. It's all controlled from a remote operated station, completely removing the worker from the situation and eradicating health and safety risks."

The ScorpMFR Scaler is a revolutionary step in open-pit high wall safety management. This fully remote-controlled, diesel-powered crawler vehicle is designed specifically for high wall scaling and bench/berm material recovery in open cut mines. The ScorpMFR delivers the ultimate safety in spall scaling in areas that are otherwise difficult or impossible to access safely.

Commencing field trials in 2019 with mine partner Grange Resources in north-west Tasmania, the machine has demonstrated excellent suitability for mine wall maintenance. Its design uses a tilt rotator which reverses the bucket to enable loose material to be shovelled away from the base of the wall.

The ScorpMFR is effectively a remote-controlled excavator that can operate vertically on the side of a mine wall or bench, utilising a self-contained command station—a standalone, weatherproof, air-conditioned trailer that simulates the true and natural operation of the excavator.

The vision system uses an advanced augmented reality (AR) interface, fed from a 3D camera with six secondary 2D cameras for 360-degree situational awareness as well as a 3D depth sensing camera.

This innovative mining industry machine was designed to cut away rocks that were at risk of collapsing as ore was extracted— an inherently dangerous activity usually done in mines by men abseiling down the wall on a rope. Being remote-controlled, the ScorpMFR Scaler doesn't require anyone to go into unsafe areas, removing the human element from high wall face maintenance.

The development of the ScorpMFR marked a significant milestone for Jayben, providing the catalyst for substantial growth across their operations. Through the demands and opportunities presented by this project, Jayben was able to expand and modernise our workshop facilities, implement new technologies, and upgrade critical equipment to support increased production capacity.

This growth not only enhanced their technical capabilities but also enabled them to establish multiple simultaneous production lines, improving efficiency, flexibility, and output. Importantly, the project also created new employment opportunities, allowing Jayben to grow their skilled workforce and deepen their expertise across both mechanical and electronic systems. As part of this evolution, Jayben invested in advanced electronic and sensor technologies, strengthening their ability to deliver integrated, high-performance solutions for their customers.

The ScorpMFR Scaler has been commercially available since early 2024.

### FURTHER INFORMATION

For more information, visit: [jayben.com.au](https://jayben.com.au)



## EVENT WRAP-UP: ACA WATER INDUSTRY SEMINAR IN ADELAIDE

Weld Australia's Director of Engineering, Simon Doe, recently presented two papers at the [Australasian Corrosion Association's Water Industry Seminar](#) in Adelaide.

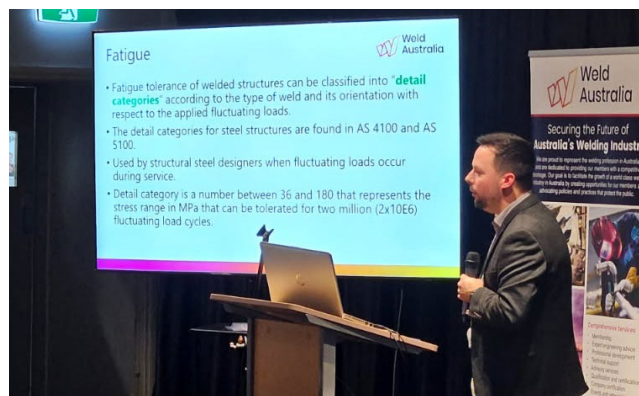
Hosted by SA Water, the seminar covered a range of topics relevant to the water industry, including the use of 3D printing in infrastructure applications, sustainability considerations for sewerage systems, and approaches to assessing the condition of ageing assets.

Sessions also addressed asset quality through testing, welding, and protection of materials used in contact with drinking water. Maintenance planning and strategies for extending asset life were discussed, along with a panel session that explored practical approaches to asset inspection under the WSA 201 framework.

Simon's very well received presentations covered:

- The history and current state of the art in 3D printing Additive Manufacturing, which he gave in conjunction with Daniel Williams from University of South Australia and the [Australian National Fabrication Facility](#)
- The importance of the AS/NZS ISO 3834 document "Quality requirements for fusion welding of metallic materials" and why this internationally recognised benchmark for welding quality is so important to industry.

The event was sponsored by Remedy Asset Protection.



## 'INTRODUCTION TO WELDING ENGINEERING' WITH VICTOR BLAIN DRAWS A FULL HOUSE

The [Association of Consultant Structural Engineers Victoria \(ACSEV\)](#) recently hosted a highly successful technical presentation titled 'Introduction to Welding Engineering', featuring Victor Blain, General Manager Engineering at Weld Australia, as the guest speaker.

The event was a resounding success, with an outstanding turnout of 90 attendees, reflecting the strong interest in the topic and the relevance of welding engineering in structural design and construction.

Victor delivered a comprehensive and insightful presentation that delved into the fundamentals of welding, focusing on how welding processes affect steel microstructure and properties. He also explored how heat cycles in welding can be controlled, and provided valuable knowledge on fatigue behaviour and post-weld fatigue improvement techniques.

The session sparked significant interest and active participation from the audience. A dynamic Q&A followed the presentation, with attendees raising a wide range of practical and technical queries.

Topics such as welding dissimilar thicknesses, real-world failure investigations, preheating, and welding dissimilar materials led to rich and informative discussions. So engaging was the session that it ran over time, with attendees keen to continue the conversation.

Many participants expressed their appreciation for Victor's depth of knowledge and clarity in delivering complex concepts. There was enthusiastic feedback requesting a follow-up presentation, with particular interest in covering joint design and weld symbols.

Weld Australia extends its sincere thanks to ACSEV for the invitation and opportunity to be part of this valuable industry event. We look forward to continuing our collaboration and delivering more high-impact technical presentations to structural engineering professionals.

## WORLDSKILLS AUSTRALIA: 2025 NATIONAL CHAMPIONSHIPS AND SKILLS SHOW

Weld Australia was proud to support WorldSkills Australia's 2025 National Championships and Skills Show at the Brisbane Convention and Exhibition Centre earlier this month.

The event enabled students, teachers, parents and career counselors to explore, learn and try exciting new career pathways, all under one roof. Over three days, attendees had the opportunity to learn about career pathways from over 120 education providers and employers, witness Australia's best apprentices, students and trainees compete in over 60 skills competitions, and try out a wide range of skills and trades for themselves.

Over 600 elite competitors from every state and territory undertook three days of intense competition across more than 60 skill areas, from welding, cyber security and cabinetmaking to floristry and plumbing.

On the eve of the Championships, 60 delegates from across the Asia-Pacific gathered at a welcome event hosted by TAFE Queensland, where they heard from members of the Skillaroos — Australia's national skills team — and toured state-of-the-art training facilities.

WorldSkills International CEO David Hoey was also in attendance, touring each skills area across the competition. Several news crews covered the action, capturing the energy and scale of the event. Queensland's Minister for Finance, Trade,



Employment and Training, Ros Bates, formally opened the event, and heard firsthand about how vocational training is setting up the next generation for successful, future-focused careers.

Visitors also flocked to the event's hands-on Try'aSkill stations, where hundreds tested their own abilities, while also engaging directly with training providers, employers, and industry experts. Weld Australia hosted one of the stations, with students trying their hand at the Soldamatic augmented reality welding simulators.





## THE VETIS AR WELDING COMPETITION AT WORLDSKILLS

The VETiS AR Welding Competition is run in conjunction with Weld Australia and tested competitors on their skills in welding using the Soldamatic augmented reality simulator.

Competitors learnt welding procedures and techniques through a more interactive training method, gaining hands-on experience in a controlled, safe environment.

The 2025 winners were:

- Gold: Andrew Sherman, South Australia
- Silver: Emre Taskin, New South Wales
- Bronze: Jade Woonton, South Australia

## THE WORLDSKILLS NATIONAL CHAMPIONSHIPS

The WorldSkills National Championships is Australia's largest vocational education and skills excellence competition.

Over three days at Skills Show Australia, top Regional competitors from across the country will come together to showcase their talents and benchmark their skills against industry peers on the national stage.

The 2025 winners for welding were:

- Gold: Shaun Meinecke, Illawarra NSW
- Silver: Jet Mules, South East South Australia
- Bronze: Tyson Read, Northern Region South Australia



L to R: Guy Brooks (Weld Australia), Jet Mules, Shaun Meinecke and Tyson Read.



## INNOVATIVE, EXPERT ENGINEERING AND ADVISORY SERVICES

By taking advantage of Weld Australia's engineering and consulting services, you have access to the peak industry body in Australia's welding industry. This will provide your commercial enterprise with access to our expert advisory services, delivered by highly qualified welding and materials experts.

With diverse expertise in industries such as manufacturing, construction, rolling stock, defence, infrastructure, power generation and mining, Weld Australia has the unique capability and experience needed to solve your joining problems.

Our consulting services can help you substantially increase the operational life of your plant and equipment, and reduce your maintenance and repair overheads.

For further details, [visit our website](https://www.weldaustralia.com.au) or contact [engineering@weldaustralia.com.au](mailto:engineering@weldaustralia.com.au)

## How We Can Help

- Analysis and resolution of complex welding, materials and fabrication problems
- Design, development and project management of fabrication solutions
- Design and qualification of welded connections
- Advice on safety practices pertaining to welding, cutting and joining
- Review of requirements and technical review
- Weld failure investigation
- Drafting and review of fabrication specifications
- Welding inspection and supervision
- Writing and review of welding procedures
- Optimisation of maintenance for risk mitigation
- Welder qualifications
- Supply chain assessment and development
- Weld maps and quality documentation
- Comprehensive failure investigations and engineering critical assessments
- Expert evidence and witnessing services
- Pipeline in-service welding, repairs, hot tapping
- Burn through calculation

## BROAD AND DEEP EXPERIENCE

With expertise in a wide range of industries, from defence, manufacturing and composites to rail and resources, Weld Australia has the uniquely broad and deep capability needed to solve your welding problems.

Our extensive experience across various sectors provides the comprehensive insight and adaptability necessary to tackle complex welding challenges, ensuring solutions are effective and tailored to your industry.



Power



Oil & Gas



Infrastructure



Defence



Manufacturing



Buildings



Renewables



Aerospace



Mining



Rail & Rolling Stock



Pipelines & Pressure Vessels



Mineral Processing





# WELD AUSTRALIA'S COMBINED AS/NZS ISO 3834 + AS/NZS 5131 CERTIFICATION SERVICE

Weld Australia now offers an innovative combined certification service for AS/NZS ISO 3834 and AS/NZS 5131. This new offering streamlines the certification process for fabricators and structural steel manufacturers, reducing time, cost, and administrative burden while ensuring compliance with both critical standards.

This service is only available to businesses already certified to AS/NZS ISO 3834, or those completing a dual certification. AS/NZS 5131 certification is provided as an additional component—not as a stand-alone certification.

By integrating the audits for AS/NZS ISO 3834 and AS/NZS 5131, Weld Australia eliminates redundant certification processes, providing a simplified, efficient, and cost-effective solution. Companies seeking AS/NZS ISO 3834 certification can now opt to include AS/NZS 5131 as part of a single, comprehensive audit, ensuring compliance with welding quality and structural steel requirements in one streamlined step.

Our combined certification offering removes unnecessary duplication, making compliance easier and more accessible for businesses of all sizes. By consolidating audits into a single, integrated process, companies will experience significant cost savings, as they no longer need to undergo separate assessments. Additionally, the time and effort saved by avoiding multiple audits will allow businesses to focus on operational efficiency and quality outcomes rather than administrative burdens.

## GET CERTIFIED NOW

Reduce costs, save time, and ensure your business meets industry standards with one simplified certification process. Simply email: [engineering@weldaustalia.com.au](mailto:engineering@weldaustalia.com.au)

## KEY BENEFITS OF CERTIFICATION

Achieving combined certification with Weld Australia delivers significant benefits for fabricators and purchasing organisations alike:



**Efficient Compliance:** A single process covering both AS/NZS ISO 3834 and AS/NZS 5131 eliminates duplication and saves resources.



**Cost Savings:** Combining the certification process lowers overall costs compared to obtaining separate certifications, offering greater value.



**Time and Effort Reduction:** Combined certification minimises administrative burdens and operational disruptions associated with separate audits.



**Enhanced Technical Knowledge:** All personnel—trades, inspectors, supervisors, and managers—benefit from increased technical expertise.



**Improved Market Access:** Certification demonstrates compliance with industry standards, improving supply chain opportunities both locally and overseas.



**Risk Mitigation:** Reducing errors means less rework, which reduces project costs and overruns, keeping schedules and budgets on track.



## QUEENSLAND INDUSTRY DRINKS NIGHT

Held on Thursday 12 June in Brisbane, the Queensland Industry Drinks Night was a fantastic night. It offered plenty of opportunities for networking and making new connections.

Attendees heard from Geoff Crittenden (CEO, Strategic Partnerships, Weld Australia) who provided an industry update, as well as insights into Weld Australia's activities, and exciting plans for the rest of the year. Stuart Orr (Sales Director, Kemppti) also gave attendees an overview.

Weld Australia would like to thank [Kemppti](#) for supporting this event—it is the generous support of sponsors that makes events like this possible.

The event proved to be a wonderful opportunity to reconnect with familiar faces and strengthen professional relationships. With a relaxed and welcoming atmosphere, it was the perfect setting for catching up with industry colleagues, sharing ideas, and celebrating the strong sense of community within Queensland's welding and manufacturing sector.





# THREE DAY COURSE

# API 579-1/ASME FFS-1

## FITNESS-FOR-SERVICE EVALUATION

Learn how to successfully analyse, evaluate, and monitor pressure vessels, piping, and tanks for continued operation. Understand and apply the API 579-1 / ASME FFS-1 fitness-for-service standard in your daily work.

Fitness-for-service assessment is a multi-disciplinary engineering approach that is used to determine if equipment is fit to continue operation for some desired future period. The equipment may contain flaws, have sustained damage, or have aged so that it cannot be evaluated by use of the original construction codes. API 579-1/ASME FFS-1 is a comprehensive consensus industry recommended practice that can be used to analyse, evaluate, and monitor equipment for continued operation. The main types of equipment covered by this standard are pressure vessels, piping, and tanks.

## GREGORY BROWN

Gregory Brown PhD is the principal and owner of Blue Ring Engineering. He is a current voting member of the ASME/API Joint Committee on Fitness-For-Service. Dr Brown currently performs computational mechanics and fitness-for-service assessments for a variety of industries using API 579, as well as supporting litigation and failure analysis. He also develops specialised software and methodologies for structural analysis and life assessment. Previously Dr Brown was the Chief Engineer for TEAM/Quest Integrity.

Dr Brown joined Dr Ted Anderson in 2001 at Structural Reliability Technology, which later became part of the Quest Integrity Group. Prior to SRT, he developed algorithms to update industrial finite element models using experimental measurements and performed flutter analyses of F16 and F18 fighter aircraft. Dr Anderson, Dr Brown, and the engineers at Structural Reliability Technology performed much of the work that was incorporated into API 579.



**LOCATION TBC**  
**LATE 2025 OR EARLY 2026**

## COURSE OVERVIEW

This three day course helps participants understand and apply the API/ASME fitness-for-service standard in their daily work. The material presented in the course shows how the disciplines of stress analysis, materials engineering, and nondestructive inspection interact and apply to fitness-for-service assessment. The assessment methods apply to pressure vessels, piping, and tanks that are inservice.

The course includes an extensive set of notes to supplement the contents of the recommended practice, and the recommended practice contains numerous example problems that illustrate fitness-for-service assessment.

## WHO SHOULD ATTEND?

This course is intended for engineers and engineering management engaged in the operation, design, analysis, and maintenance of plant facilities. Participants should have a Bachelor degree or equivalent experience in engineering. A general knowledge of stress analysis, materials behaviour, and fracture mechanics are helpful.

**REGISTER YOUR INTEREST**

## QUESTIONS?

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



# QUALIFICATION & CERTIFICATION

## UPDATE

### WELD AUSTRALIA HOSTS THE FIRST ISI AND SISI EXAMS

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Weld Australia hosted its first exams for In-Service Inspector (ISI) and Senior In-Service Inspector (SISI) in early May on the new WeldQ platform.

A total of 21 applications were received—20 for ISI and one for SISI—with all candidates completing a mandatory onboarding session prior to the examination. The examinations were conducted online with remote proctoring, which included continuous camera and screen recording, as well as keystroke logging.

The WeldQ platform was updated in advance of the examinations, with notable enhancements to the user interface. Feedback was automatically solicited from candidates immediately following each examination.

### UPCOMING ISI AND SISI EXAMS

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The next intake of ISI and SISI examinations have been scheduled for the week commencing 20 October 2025, with assessments to take place on 20, 22, and 24 of October.

The application period will open on 8 September 2025 and will close on 15 September 2025.

Detailed information regarding paper allocations and examination times will be communicated in due course, following the receipt and processing of applications.

Instructions on renewal applications will also be provided in the coming weeks.

[For further details, visit our website.](#)



### RE-SIT AND DEFERRED CANDIDATES

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The forthcoming AICIP examination has been scheduled for 30 July 2025. Please be advised that this examination is exclusively intended for candidates who either did not pass their 2024 examinations conducted by AINDT or who postponed their examinations from the previous year. If this does not apply to your situation, please ignore this email.

Detailed information regarding paper allocations and examination times will be communicated in due course, following the receipt and processing of applications.

The application period will open on 7 July 2025 and will close on 11 July 2025.

Should you have any questions or require additional information, please do not hesitate to contact us at [aicip@weldaustalia.com.au](mailto:aicip@weldaustalia.com.au)



## SUCCESSFUL AS/NZS ISO 3834 PLUS AUDIT AT CENTURY ENGINEERING

Weld Australia recently conducted a successful audit at [Century Engineering](#) in South Australia. This covered both an AS/NZS ISO 3834.2 surveillance audit, and Century's first certification audit according to AS/NZS 5131 CC2.

Century Engineering has been delivering complex and technical engineering solutions for over 75 years. With its 32,000m<sup>2</sup> 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.

By leveraging the overlap between AS/NZS ISO 3834 and AS/NZS 5131, Weld Australia's combined certification saves time, cuts costs, and enhances operational effectiveness, ensuring Australian fabricators meet stringent welding quality and structural steel requirements.

Ready to secure your market leadership? Our combined AS/NZS ISO 3834 and AS/NZS 5131 scheme delivers the competitive edge that transforms good fabricators into industry leaders.

[For more information, visit our website.](#)



L to R: Gokhan Sacli (Weld Australia), Alistair Lee (Century Engineering), Victor Blain (Weld Australia), Andrew Solomon (Century Engineering), and Iman Farshadi (Century Engineering).



## ACCIONA AWARDED AS/NZS ISO 3834.2 CERTIFICATION

Weld Australia would like to congratulate [ACCIONA's](#) Mechanical and Electrical team on securing certification to AS/NZS ISO 3834.2.

This international recognition highlights ACCIONA's exceptional expertise in fabrication and welding practices. The certification demonstrates their commitment to the highest international engineering standards.

Julia Hay (Operations Manager – Industrial, ACCIONA) praised the team's dedication to quality across every stage of project delivery.

"This achievement opens new opportunities for our business, showcasing our technical excellence and industry-leading capabilities," she said. "Our team has proven its capability to handle complex structural, mechanical, and piping (SMP) projects with unparalleled precision."

Srini Narayanasamy (Quality Assurance Manager, ACCIONA) who was the project lead for the certification, said that AS/NZS ISO 3834 increases opportunities and repeat business for their Mechanical and Electrical team's global supply chain.

"Weld Australia is the country's premier certification body, providing internationally recognised qualifications and certifications," Srini said.

"Weld Australia has validated our world-class approach to mechanical and electrical engineering - another milestone to show ACCIONA continuing to set new benchmarks in sustainable infrastructure."

ACCIONA is a leading group for sustainable infrastructure solutions and renewable energy projects around the world.



# RAISING THE BAR

## INDUSTRY LEADERS DEMONSTRATE COMMITMENT TO WELDING QUALITY STANDARDS

At a time when infrastructure safety, quality assurance, and compliance have never been more important, Australian fabricators and manufacturers are stepping up to meet—and exceed—the benchmark for welding standards. Weld Australia is proud to support this drive for excellence, recently completing a series of certification and surveillance audits across the country.

From rail transport to precision engineering, these audits are more than a tick in a box—they're a testament to the commitment our members make every day to deliver work that is not only high quality, but safe, consistent, and compliant with Australian and international standards. Whether achieving initial certification or maintaining their standing through surveillance and re-certification audits, each of the companies below is playing a vital role in upholding the integrity of Australia's welding industry.

### **Hofmann Engineering Bendigo Site: AS/NZS ISO 3834.2 + EN 15085 CL1 Surveillance Audit**

Since 1969, [Hofmann Engineering](#) has provided specialist engineering services to Australia's industry leaders. Their facility in Bendigo, Victoria encompasses 20,000m<sup>2</sup> of factory space with crane lift capacities up to 100t and 17.25m under the crane hook. The facility is equipped with leading-edge, heavy fabrication robotic welding cells, high-volume heat treatment furnaces and a combination of traditional machining and modern CNC-controlled, high-speed machining cells.

### **McMillan Engineering Group: AS/NZS ISO 3834.2 Surveillance Audit**

Based in Dandenong, Melbourne, [McMillan Engineering Group](#) is the parent company of Industrial Hydraulic Services and CP Engineering. From humble beginnings in 1973, Industrial Hydraulic Services (IHS) has grown from servicing the local engineering market to becoming a major competitor on the international scene. CP Engineering has been providing specialist quality sheet metal fabrication and component manufacture since 1980. McMillan is dedicated to helping their clients solve their component manufacturing problems quickly and efficiently.

### **Alstom Transport Australia: AS/NZS ISO 3834.2 and EN 15085 CL1 Surveillance Audit**

[Alstom](#) has been providing sustainable infrastructure solutions in Australia for more than 100 years and currently employs approximately 1,600 people across more than 25 sites that includes Engineering centers, manufacturing facilities, project delivery offices and maintenance depots and workshops.

### **JS Metal: AS/NZS ISO 3834.2 + AS/NZS 5131 CC3 Initial Audit**

With proven experience on some of Melbourne's largest infrastructure projects, [JS Metal](#) is dedicated to providing quality and cost-effective solutions for their clients. With facilities in Dandenong, their services extend from shop detailing, quality control and procurement consulting, through to fabrication, installation and project management.

### **DVR Engineering: AS/NZS ISO 3834.2 Surveillance Audit + EN 15085 CL1 Re-Certification**

[DVR Engineering](#) is a world-class manufacturing company that has been delivering engineering and manufacturing solutions for over 35 years to a wide range of industries. Their 30,000m<sup>2</sup> (7 acres) manufacturing facility in Coolaroo, Victoria houses over 40 state-of-the-art CNC machines, enabling DVR to deliver the highest possible quality product and on-time delivery.

### **Liebherr: AS/NZS ISO 3834.2 Surveillance Audit**

[Liebherr-Australia](#) sells and supports a range of Liebherr products across a number of product segments including mining, earthmoving, mobile and crawler cranes, maritime cranes, tower cranes and components. Through its 17 branches across both Australia and New Zealand, Liebherr-Australia supports customers all over the country.

## GET CERTIFIED NOW

Reduce costs, save time, and ensure your business meets industry standards. Simply email: [engineering@weldaustralia.com.au](mailto:engineering@weldaustralia.com.au)





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

#### IIW INTERNATIONAL WELDING ENGINEER (IWE)

- Iman Farshadi

#### IIW INTERNATIONAL WELDING INSPECTOR - BASIC (IWI-B)

- Benjamin Deen
- Daniel Eddy
- Hayden Dingle
- Kody Evans
- Mark Ashby
- Nathan Guley
- Owen Mathieson
- Tyler Sharman

#### IIW INTERNATIONAL WELDING INSPECTOR - STANDARD (IWI-S)

- Aaron Alcock
- Adam Roger
- Bradley Hogg
- Brenton Fisher
- David Mitchell
- David Van Der Meer
- James Benham
- Jarrad Julyan
- Jeffrey Broad
- Luke Bowyer
- Mark Bocock
- Nathan Gregor
- Paul Dennis
- Scott Maguire
- Seunghye Han
- Shane Hanson
- Shane Woods
- Steven Manuel
- Terry Griffin

#### AS 2214

- Ashley Whitby
- Blair Turner
- David Kirby
- Duncan French
- Jared Gulic
- Joel Robertson
- Juan Bernardo Soto Claire

- Judd Plummer
- Leighton Henderson
- Matthew Huxtable
- Rohan Howard
- Scott Wornum
- Tyler Martin

#### AS 1796 CERTIFICATE 2

- Rick Abraham
- Tyson Blacksell

#### AS 1796 CERTIFICATE 4

- Andrew Jephcott
- Rick Abraham
- Tyson Blacksell

#### AS 1796 CERTIFICATE 5

- Andrew Jephcott
- Rick Abraham
- Tyson Blacksell

#### AS 1796 CERTIFICATE 7

- Adam Jones
- Barry Doyle
- George Healy
- Samuel Dresser

#### AS 1796 CERTIFICATE 10

- Alan Edwards
- Jackson Williams
- Jeffrey Camenzuli
- Joffrey Hochstrasser
- Levi Greer
- Logan Carlile
- Michael Meinecke
- Paul Sparks
- William Lockyer

#### AS 1796 CERTIFICATE 11

- Aaron Alcock
- David Houlihan
- James Benham
- Jarrad Julyan
- Keith Sperring
- Luke Bowyer
- Michael Schnackenberg
- Nathan Gregor
- Seunghye Han
- Stephen Reynolds

### 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:

- Wednesday 25 June: Re-sit Online Exam (All Qualifications)
- Wednesday 2 July: WTE-B/WTE-S Online Exam
- Friday 11 July: IWS SA2 Online Exam
- Friday 11 July: IWI S PE S Exam
- Wednesday 16 July: IWI S WIE S Exam
- Friday 18 July: National Welding Supervisor Exam - Paper A
- Wednesday 30 July: Re-sit Online Exam (All Qualifications)

### FURTHER INFORMATION

For further information about exams and qualifications, simply email our team via: [gnc@weldaustralia.com.au](mailto:gnc@weldaustralia.com.au)





## TWO DAY COURSE

# PIPELINE REPAIR, HOT TAPPING & IN-SERVICE WELDING

**Avoid Shutdowns & Service Interruptions. Realise Economic & Environmental Benefits.**

Facilitated by US expert, William (Bill) A Bruce, this course provides an in-depth overview of the various aspects of pipeline modification and repair (full encirclement sleeves, hot taps and so on) and addresses the concerns associated with welding onto in-service pipelines.

## WILLIAM A BRUCE

Bill Bruce is Senior Principal Consultant, Welding Technology at DNV. With a career in pipeline welding research and its practical application spanning more than 40 years, Bill's areas of interest include repair welding, inspection techniques and failure analysis.

He has carried out numerous projects pertaining to safety and integrity aspects of repair and modification of in-service pipelines by welding. Bill is an American Welding Society representative on the American Petroleum Institute API 1104 Committee and is the Chairman of the Maintenance Welding Subcommittee. He has received numerous awards, including a Distinguished Researcher Award from the Pipeline Research Council International. Bill holds a Bachelor of Science in Welding Engineering and is a Registered Professional Engineer, an IIW International Welding Engineer (IWE) and an AWS Certified Welding Engineer (CWEng).

## QUESTIONS?

Contact: Danielle Pennington on 0493 024 505 or [d.pennington@weldaustralia.com.au](mailto:d.pennington@weldaustralia.com.au)

## MELBOURNE

### 11 & 12 MARCH 2026

## COURSE OVERVIEW

- Pipeline Repair Hot Tapping and In-Service Welding
- Defect Assessment Prior to Repair
- Welding Processes, Discontinuities and Defects
- Burn Through and Related Safety Concerns
- Hydrogen Cracking Concerns
- Full Encirclement Repair Sleeves
- Hot Tap Branch Connections
- Pipeline Repair by Weld Deposition
- Non-Welded Repairs
- Selecting a Repair Method and Procedure
- Code and Regulatory Requirements
- Alternative Welding Processes for In-Service Welding
- Lessons from Past Pipeline Repair Incidents

## COST

### EARLY BIRD PRICING: BOOK BY 1 NOVEMBER:

- Weld Australia Members: \$3,210 inc GST
- Non Members: \$3,518 inc GST

### After 1 November:

- Weld Australia Members: \$3,410 inc GST
- Non Weld Australia Members: \$3,718 inc GST

Payment required at the time of booking. Cancellation 4 weeks prior to start date will not be refunded.

## COURSE DETAILS

- **Date:** 11 & 12 March 2026
- **Time:** 8.00am registration on day one; 8.30am to 5pm
- **Venue:** TBC Melbourne CBD

**REGISTER NOW >**



# KICK-START YOUR WELDING CAREER

**ENROL IN A WELD AUSTRALIA  
TRAINING COURSE 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**

## IIW INTERNATIONAL WELDING INSPECTOR BASIC (IWI-B)

### **Starts 18 August 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 18 August 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**

## WELDING INSPECTOR – AS1796 CERTIFICATE 11

### **Starts 27 August 2025**

The AS1796 Certificate 11 is an Australian Welding Inspection qualification recently introduced to AS1796, this qualification builds upon the foundation knowledge expected of a Welding Supervisor with a distinct emphasis on inspection activities related to pressure equipment.

**ENROL NOW**

## IIW INTERNATIONAL WELDING TECHNOLOGIST (IWT)

### **Starts 4 September 2025**

This course provides you with a detailed understanding of welding technology. You'll be able to comprehensively manage and perform, supervise, oversee all company welding and welding-related activities, and have overall responsibility for coordination of all welding activities.

**ENROL NOW**

## FACE-TO-FACE IIW IWI-S IN BRISBANE

### **Starts 18 November 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 and more. Come along in-person in Brisbane in November.

**ENROL NOW**



Need help? Contact our Training team via [training@weldaustralia.com.au](mailto:training@weldaustralia.com.au)



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GROW YOUR BUSINESS.

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For further information, contact Michelle Tagliapietra  
on [m.tagliapietra@weldaustralia.com.au](mailto:m.tagliapietra@weldaustralia.com.au)