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WTIA CEO UPDATE

Over the course of the last month, I visited Brisbane where I met with several representatives from Australia’s energy industry. I also visited Adelaide where I met with representatives from the defence industry. Discussions focused primarily on the need for a clear pathway to AS/NZS 3834 certification.

SMART APT GROUP MEETING

While in Brisbane, I attended the SMART APT Group meeting, which was hosted by CS Energy. Attendees included AGL Energy, Energy Australia, NRG Gladstone Power Station, Stanwell Corporation, CS Energy, Synergy, ANSTO, HRL Technology, ALS Global, Quest Integrity and Thornton Engineering.

We visited the Queensland University of Technology, where we were treated to a presentation on Concentrated Solar Technology and the issues involved with high temperature salts used for heat transfer.

A major topic of discussion during the SMART APT Group meeting was the importance of the certification of sub-contractors (used by Australia’s energy providers) to AS/NZS 3834. However, the view of all the power station representatives was that before they can insist on the certification of sub-contractors, they need to invest in their own certification.

As such, the WTIA has been asked to prepare a proposal to assess all WTIA power station members, with a view to providing a pathway to AS/NZS 3834 certification.

The Australian Welder Certification Register (AWCR) was also discussed. Stanwell Power Station has agreed that, as part of their upcoming shut down, they will require all welders working on-site are certified and qualified on the AWCR. Stanwell will set up a certification centre to help achieve this goal.

CS Energy and AGL also requested further details about the AWCR, which will enable them to enter into discussions with their prime contractors, with a view to having them registered on the AWCR.

All these developments in the energy industry are a huge leap forward for the AWCR.
WTIA CEO UPDATE

SMART DEFENCE GROUP MEETING
I visited Adelaide this month, where I attended the SMART Defence Group meeting. The meeting was hosted by ASC, and chaired by Margaret Law (ASC’s Innovation Manager) and Mike Poynter (ASC’s Chief Engineer).

We were grateful to have Judy Denison from the Centre for Defense Industry Capability (CDIC) provide an overview of the Centre’s activities. The CDIC will act to consolidate existing, or create new, relationships between defence industry prime contractors and Australian companies.

Alongside Brian Rungie and Graham Gum from TAFE SA, I gave a presentation on launching a pilot scheme for developing welder capability for the delivery of shipbuilding projects in South Australia using the AWCR.

ASC raised the issue of AS/NZS 3834 certification of welding subcontractors.

During the ensuing discussion, Rhienmetall confirmed that any company seeking to join their supply chain must be AS/NZS 3834 certified. As a result, the WTIA was asked to work with defence prime contractors on auditing potential supply chain members, with a view to providing them a pathway to AS/NZ 3834 certification.

Finally, we welcomed new SMART Group member Baker & Provan—a metal fabrication, CNC machining and heavy engineering company based in Sydney. Their General Manager, Bob Findlay, gave a great presentation on the work that the company is undertaking on military vehicles for the special forces.

NATIONAL MANUFACTURING WEEK & THE WTIA AGM
From May 9 to 12, the WTIA will be at National Manufacturing Week (NMW) in Melbourne. I will be chairing a panel discussion on ‘Preserving Safety Through Compliant Fabricated Steel’, and giving a presentation on ‘Joining the Defence Global Supply Chain’. The Commonwealth’s $90 billion investment in defence equipment and emphasis on Australian Industry Content (AIC) has created a unique opportunity for SMEs to join the defence global supply chain. Through our Defence SMART Group, the WTIA has been working with global shipbuilding and armoured vehicle prime contractors to look at what it takes to participate on a national and international level.

I encourage all WTIA members to attend, and visit us at Stand 1642. For more information, visit page 15.

The WTIA will hold its Annual General Meeting (AGM) on Tuesday 9 May at 4.30pm at the Melbourne Convention & Exhibition Centre, within NMW. As the AGM is being held within NMW, members planning to attend the AGM must register.

Geoff Crittenden
WTIA CEO

A MESSAGE OF SUPPORT FOR QUEENSLAND & NEW SOUTH WALES MEMBERS
The Welding Technology Institute of Australia sends a message of support to those dealing with the devastating consequences of Tropical Cyclone Debbie and the widespread flooding affecting Queensland and Northern New South Wales.

We understand how disruptive these events will be to the lives and plans of everyone living in affected areas. We hope that you are safe and well.

If you would like to know how you can help or support the families and organisations affected, the Queensland Government has a listing on their website that you can view by clicking here.
VICTORIA DIVISION NEWS

AUSTRALIAN WELDER CERTIFICATION REGISTER
The March Victoria Division meeting offered an opportunity for members to meet with Geoff Crittenden (WTIA CEO) to discuss the implementation of the new Australian Welder Certification Register (AWCR).

The group (which consisted of training providers, fabricators, end-users and WTIA members) posed many questions, covering a range of topics, including: how welder skills and employment opportunities will be improved by the register; the cost to individual welder; how the six monthly reconfirmation and two yearly revalidation processes work; and how approval of welding procedures, test centres and examiners occurs.

At the end of the meeting, all attendees agreed that the AWCR an extremely positive means by which to improve welders’ skills throughout Australia. Attendees were also clear that the initiative requires that training providers and fabricators support the AWCR to help ensure its success.

For more information on the AWCR, please visit: http://awcr.org.au

HAZELWOOD POWER STATION CLOSURE
After 53 years of continuous service, on 1 April at 7.00am the Hazelwood Power Station finally closed. Built between 1964 and 1971, and consisting of eight 200MW boilers, the Hazelwood Power Station supplied up to 25% of Victoria’s electricity requirements.

Over the course of its 53 years of operation, many welders, welding supervisors, welding inspectors, and a variety of other welding-related personnel learnt their skills at the power station. Hazelwood was certainly responsible for many success welding careers.

UPCOMING MEETING
The next meeting will include a presentation by Joe Donato, Chief Scientist at Defence Science & Technology Organisation (DSTO) on ‘Explosive Assessment of welds for Ship and submarine applications’. Event details:

- **Date**: 27 April
- **Time**:
  - 4.30pm for Victorian Division Committee meeting
  - 5:00pm for Joe Donato’s presentation for WTIA members
- **Venue**: Chisholm TAFE, 121 Stud Road, Dandenong
- **Information**: Contact Robert Vernon on 0487 400 002 or robvernon@bigpond.com

VIC CONTACT
Robert Vernon
Coordinator
0487 400 002
robvernon@bigpond.com

Hazelwood Power Station.

The Victorian Division’s March meeting.
The WTIA would like to congratulate Wade Holz on his recent award win. Wade was awarded the First Place 4th Year Apprentice in Engineering at TAFE NSW, Illawarra Institute.

This award is given to students undertaking post-graduate study. Generally, these students have already finished an apprenticeship in their chosen trade, and have decided to return to TAFE to undertake further study.

Wade is studying a Certificate IV in Engineering, focused primarily on pressure vessel welding in accordance with AS 1796 - Pressure welding.

According to Peter Buttenshaw, Head Teacher Engineering Trades at TAFE NSW Illawarra Institute, Wade received the award because he had the most outstanding results in his class.

“It was Wade’s excellent skill level and ability that secured him the award, as well as the way that he carries himself—Wade sees real value in further education,” said Peter.

Wade is currently a 4th year apprentice at Bluescope Steel at Port Kembla and his host employer is HVTC Illawarra. In this role, he undertakes a variety of tasks in the workshop, from building new equipment through to repairing older equipment. He also does quite a bit of on-site welding, from pipes to structural repairs.

Wade was very pleased to be awarded the First Place 4th Year Apprentice in Engineering at TAFE NSW.

“Winning this award has showed me that I must be doing something right for the teachers to have selected me,” said Wade.

The WTIA was a proud sponsor of the award, and was extremely happy to see Wade awarded a complete set of WTIA Technical Notes on USB, a set of IIW International conference papers on USB, a windbreaker, and a WTIA welding gauge. Wade also received a WTIA membership to the end of 2017.

Wade first got into welding in high school, where he enjoyed the metalwork subject. He then went on to attend TAFE at night, studying welding.
SA DIVISION NEWS

The South Australia Division recently hosted a meeting of the WTIA’s SMART Defence Industry Group.

The speakers at the meeting included Judy Denison from the Centre for Defense Industry Capability (CDIC). Judy provided an overview of CDIC and its focus on three core streams of activity: industry development; facilitating innovation and business competitiveness; and exports.

Moving forward, the CDIC will help to consolidate or create relationships between Defence industry prime contractors and local Australian businesses. For further information, visit the CDIC website.

Remus Schwab-Russell (Project Manager Heavy Vehicles) from Rheinmetall provided an update on the LAND 400 project, including Rheinmetall’s emphasis on increasing the engagement of local SMEs to boost the Australian Industry Content (AIC) of their vehicle. For further information, visit the Rheinmetall website.

LAND 400 aims to enhance the mounted close combat capability of the Army by providing armoured fighting vehicles with improved firepower, protection, mobility and communication characteristics to enable tactical success in the contemporary and future operational environment.

Other speakers included Phil Growden from Austal, Peter Baker from Baker and Provan, Brian Rungie and Graham Gum both from TAFE SA, and Geoff Crittenden, WTIA CEO.

ABOUT THE WTIA’S SMART INDUSTRY GROUPS

WTIA hosts and administers the SMART (Save Money And Re-engineer with Technology) Industry Groups, providing a forum for technology transfer and R&D, linking members with industry and research organisations. The SMART groups:

- Represent a source of vital technical welding information
- Optimise welding practices through standard development and tools
- Assist members to prepare specifications

WTIA is able to provide support and advice associated with defence projects and procurement, and works closely with industry to identify opportunities matching the capabilities of SMART Group members. The WTIA works with SMART Group members to ensure they remain diverse and resilient in ever-changing and increasingly challenging domestic and global markets. For further information on becoming a SMART group member please contact the WTIA office on 02 8748 0100 or membership@wtia.com.au.

2017 PROGRAM OF EVENTS

The South Australia Division committee is currently planning a 2017 program of events, including a number of technical nights. If you or your company would like to host a WTIA member event, please contact Paolo Corronca (WTIA Technology Manager) on p.corronca@wtia.com.au.

SA CONTACT

Paul Bettison
Chairman
Bettisoneng@optusnet.com.au
Western Australia’s defence and mining industries have seen the announcement of a number of new programs over the last month. Just some of these are outlined below.

**AUSTAL OPENS WA SHIPBUILDING FACILITY**

Austal has officially opened their new 10,500m² Pacific Patrol Boat Replacement Shipbuilding Facility in Naval Base, Western Australia.

The $306 million Pacific Patrol Boat project comprises the design, construction, delivery, training and sustainment of nineteen 39.5m Patrol Boats, and will create over 200 jobs.

**GWALIA GOLD MINE EXTENSION APPROVED**

The St Barbara board has given final approval on a $100 million, three-year capital works program that will result in it mining down to almost 2000m below surface at the 265,000 ounce-a-year Gwalia Gold Mine near Leonora. Already considered the deepest trucking mine in the world, the extension will allow access to ore down to 2km underneath the top of the historic Sons of Gwalia open pit, where St Barbara will be mining the end of its known reserves by 2024.

Source: https://thewest.com.au

**CIVMEC UNVEILS PLANS FOR WORLD-CLASS WA SHIPBUILDING FACILITY**

Civmec, through its wholly owned subsidiary Forgacs Marine and Defence has unveiled plans for its new state-of-the-art shipbuilding facility primarily.

The heavy engineering specialist is positioning itself for participation in Australia’s A$89 billion naval ship and submarine upgrading program. The new facility in Henderson will rival the best shipyards in the world and is part of Forgacs goal to enhance Australia’s profile as a globally efficient naval ship builder.

The facility will be able to house ship construction and ongoing maintenance under cover in a conducive and efficient environment close to Fleet Base West – the home of Australia’s submarine force and half of its naval surface fleet. It will be the only facility with this capacity in Australia.

**CIVMEC & ASC JOIN FORCES FOR DEFENCE PROJECTS**

Civmec and Forgacs, have entered into an MoU with ASC Shipbuilding to jointly bid for the build of 12 Offshore Patrol Vessels (OPVs) for the Royal Australian Navy.

ASC Shipbuilding and Forgacs were chosen by two of the three shortlisted designers (B.V. Scheepswerf Damen Gorinchem of the Netherlands and Lürssen Werft GmbH & Co. KG of Germany) to work with them on the tender.

ASC Shipbuilding and Civmec/Forgacs will share intellectual property regarding shipbuilding and steel fabrication. If the tender is successful, two OPVs will be built at Civmec/Forgacs’ facilities in Western Australia.

**WA CONTACT**

Clay Williams
Chairman
clay@qsmfabrication.com.au
QUEENSLAND COAL MINERS FACE DISRUPTION AFTER CYCLONE DEBBIE

Queensland coal miners, including BHP Billiton, Glencore and Anglo American look set to encounter disruptions following destruction caused by Cyclone Debbie. Aurizon Rail has confirmed that the railway lines serving the Queensland coalfields will be out of action for weeks.

Aurizon confirmed that none of the four railways serving Queensland coal miners were in full operation, and two of them were entirely out of action.

While the disruption is likely to have a negative impact on Aurizon, it is likely to spark a increased prices for coking coal prices given that Queensland produces more than 50% of the world’s seaborne coking coal.

Source: www.afr.com

SHELL ANNOUNCES NEW QUEENSLAND GAS PROJECT

Shell Australia has announced that its QGC joint venture was continuing its investment in Queensland, with the drilling of up to 161 additional wells - a move that enables further supply to both domestic customers and natural gas exports.

‘Project Ruby’ expands on QGC’s operations in the Surat Basin, and will underpin 350 new and existing jobs in regional Queensland during the 16 month construction, and sustain QGC’s gas production as older wells decline.

In making the announcement, Shell Chairman Andrew Smith said this latest project was the company’s way of continuing to supply gas into the east coast market whilst protecting valuable export jobs in regional Australia.

ADANI CONFIRMS MEGA MINE TO GO AHEAD

The head of Indian mining giant Adani says the company is ready to go this year with its controversial mega coal mine in Queensland’s Galilee Basin.

Adani Mining chief executive Jeyakumar Janakaraj confirmed in late March that the company expected to start engineering work on the rail line between the Carmichael mine and the Abbott Point coal terminal by June, and start major construction by September.

The $21 billion project has been the focus on strong opposition from environmental groups, but Mr Janakaraj said it was vital in reducing India’s carbon footprint, with the higher-quality Australian coal producing less pollution than that mined in India.

Source: www.smh.com.au
Are your tenders one step ahead of the rest? Does your team write winning tenders and proposals? Or do you need some coaching? Perhaps a little help to lift your tender writing game? With our ‘Lift Your Game’ tender and proposal writing workshop, you’ll be well on your way to winning new work, and getting through the selection process with flying colours. You’ll better understand what tender evaluators are looking for, and how they grade. Our practical tips and tools on writing winning bids will help you get ahead of the pack.

WHAT THE LIFT YOUR GAME WORKSHOP COVERS
1. What evaluators look for.
2. Evaluation processes and scoring systems.
3. Efficient bid processes.
4. Bid strategy development.
5. Writing compelling executive summaries.
6. Tender templates and document presentation.
7. Developing content that differentiates your bid.
8. Writing styles, formatting, proofing and editing.
9. Getting the most out of your tender reviews.
10. Dealing with tight deadlines.

FEEDBACK FOR LIFT YOUR GAME
"The course was very informative and applicable. I will recommend this course to anyone that is involved with tendering, especially on how to structure a tender submission from start to finish. The trainer was very good and knowledgeable."

“Great course, a well-structured course that takes you through the whole tender process in good detail. It is also interesting to see how / what the tender evaluators look out for in the industry at the present.”

“Honestly, I don’t think I have been to a better run or better presented course in all of my very long career. 10/10.”

ABOUT THE PRESENTER
Caroline Boot, MBA(Hons) BSc. Dip Tchg.Dip Math Ed.MNZIM.
Caroline is the founder and Managing Director of international tender specialist companies Plan A and Clever Buying. She is an engaging and interactive presenter and coach, giving workshop participants opportunities to consolidate the theory learned in practical, memorable and interesting ways. Caroline developed her tender training using a variety of sources, including: a track record of writing thousands of winning tenders since 1998; consultation with hundreds of tender evaluators, government, councils and consultants; and international best practice.

WORKSHOP DETAILS
Registration Fees
• $750 (excl. GST) for WTIA members
• $850 (excl. GST) for non-members

Registration fee includes morning and afternoon tea, lunch, and all workshop materials.

Sydney, 8 May 2017
Click here to register for the Sydney workshop

Melbourne, 10 May 2017
Click here to register for the Melbourne workshop
WINNING BUSINESS WITH TENDERS

Winning bids and tenders keeps you in business, and your people in jobs.

There’s no question that marketing to major public and private sector clients is becoming more formal, more process-driven, and more focused on quality. And because the lowest price often brings headaches and hidden costs to clients, they’re increasingly wary of cheapskates.

WTIA members have been telling us how hard it is to win work, and how difficult or confusing or demoralising the tender and evaluation process is (especially when you already have a million things to do or worry about as it is). It’s more competitive than ever now, and your proposal needs to impress or else it just ends up in the bin. That’s why we’ve launched the Lift Your Game workshop.

The presenter is a leader in the industry and brings real life examples and helpful, practical advice. She also trains and assesses tender evaluators, and attendees will learn the proven formula for winning tenders that is hard to beat. A number of past attendees have reported winning their very next tender using the skills they learned in the workshop.

If you have an IIW or WTIA Certification, this workshop can form one of your three examples of Continuing Professional Development when applying to renew your Certification.

The workshop will be held in Sydney on the 8th May and Melbourne on the 10th May (during National Manufacturing Week). Class sizes are limited as the workshop is very interactive, so register now to avoid disappointment.

You won’t regret attending this workshop. As one attendee said: “Honestly, I don’t think I have been to a better run or better presented course in all of my very long career. 10/10”

REGISTER NOW
- Register for the Sydney Workshop today.
- Register for the Melbourne Workshop today.

FURTHER INFORMATION
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WTIA Membership Manager
P: +61 2 8748 0130
E: d.south@wtia.com.au
WTIA WELCOMES MELISSA ODENDAAL, WELDING CONSULTANT

The WTIA welcomes Melissa Odendaal to the team. Based in Victoria, Melissa has a passion for materials engineering, weld design, procedure development and welding process optimisation.

Melissa studied at the University of Pretoria, where she completed a Bachelor in Metallurgical Engineering and completed the International Welding Engineer certification soon afterwards while working as a graduate engineer on major coal-fired power station construction projects, on oil and gas projects, and within the fabrication industry.

Her responsibilities have included technical support and advice to operations and production technicians on sites, generating welding documentation and procedures efficiently using the relevant codes, implementing and writing procedures for orbital welding and upholding ISO 9001 certification.

REINFORCING STEEL WELDING COORDINATOR COURSE

With a spike in major infrastructure projects around the country, industry requires properly trained and skilled personnel to supervise and inspect the welding of all reinforcing steel structures, in the interests of both public safety and structural integrity.

Benefits for welders:
- Increased earning potential
- Better job stability
- Stronger employment demand

Benefits for companies:
- Win more work
- Increased client satisfaction
- Step towards ISO 3834 Certification

Course dates:
- Melbourne: 1 to 5 May
- Perth: 5 to 9 June
- Brisbane: 21 to 25 August

REGISTER TODAY!

WTIA ANNUAL GENERAL MEETING (AGM)

The WTIA will hold its Annual General Meeting (AGM) on Tuesday 9 May at 4:30pm at the Melbourne Convention & Exhibition Centre, within National Manufacturing Week (NMW).

All WTIA members are invited to attend, meet the WTIA Council members, and participate in the discussions. As the AGM is being held within NMW, members planning to attend the AGM must register. Registration must be completed so that WTIA can supply your details to the organisers of NMW.

Register to attend the WTIA’s 2017 AGM now.
WTIA NEWS & UPDATES

INTERNATIONAL ORGANISATION FOR STANDARDISATION (ISO) MEETING IN BERLIN

The WTIA is pleased to report that Bruce Cannon (Technical Publications Manager for the WTIA) will represent Australia at the International Organisation for Standardisation (ISO) meetings in Berlin in May.

Bruce will represent Australia at three key meetings:
• TC-44 Sub-Committee 10
• TC-44 Sub-Committee 11
• TC-44 Sub-Committee 11 Working Group Two

TC-44 SC11 is responsible for the publication of ISO 3834 - Quality requirements for welding. As Australia currently has an interpretation request before ISO, in regards to ISO 3834, Bruce will be present for the discussion of this request. TC-44 SC11 WG2 will discuss ISO 14731 – Welding coordination, tasks and responsibilities. This is a core document of the quality systems included within the ISO 3834 standard series.

On the agenda for TC-44 SC11 is the five year review of ISO 9606-1 - Qualification testing of welders. ISO 9606-1 is currently being adopted by Australia, and forms the basis for the WTIA’s new Australian Welder Certification Register (AWCR) and supporting WeldQ system.

Whilst ISO 9606-1 is satisfactory in its current form, there is clearly room for improvement in the document. As part of the five year review, Australia is likely to have a number of comments that will improve the application and performance of the Standard.

These comments will be made in light of the current revision of AS/NZ 2980 - Qualification of welders for fusion welding of steels in Australia. AS/NZ 2980 currently based on and is aligned with ISO 9606-1 requirements.

A key driver for Bruce Cannon’s involvement in the ISO committee meeting is the Federal Government’s call for tenders for the Navy Frigate program – all three tenderers are European based, as is the successful tenderer for the submarine program.

As such, it is likely that Australian fabricators bidding for work on these projects will need to comply with either ISO or EN/ISO standards.

As a consequence, Australia needs to have input into the relevant standards, and the WTIA needs to help upskill local fabricators so that they are able to comply with these standards.
Most people in our industry understand what welding supervisors are. But, have you ever really thought about what the ‘supervisor’ part of this role really entails?

A ‘Supervisor’ (and other similar titles) is generally a low level management position, primarily based on authority over a worker or a specific part of a workplace. The basic function of any kind of supervisor (not just welding supervisors) is to observe and direct the execution of specific tasks and activities.

To be an effective supervisor, you need to understand your role and know the scope of your duties, responsibilities, and limitations. The role you perform will interact with other management positions so you need to know your boundaries, as well as your authority. The best way to articulate this authority is via a detailed Position Description.

However, just because a supervisor supervises, this doesn’t mean that they need to be looking over the shoulder of the people they are supervising. Varying levels of supervision should be used, depending on the task, person and standards being followed.

There are key skills which supervisors should possess. Usually, these skills have been developed over years, which is why the person has been appointed. Alternatively, these skills may need to be learned through further training.

These skills include:

- **Time management**: the ability to achieve required supervision tasks in an allocated time period.
- **Situational awareness**: the ability to identify, process and comprehend the critical elements of information about what is happening to the team. More simply, knowing what is going on around you.
- **Adaptation**: adjusting to and understanding changes in the workplace, including work performed as well as the business environment.
- **Leadership**: this must be developed if a supervisor is to succeed or advance their career. A leader steps up in times of crisis and is able to think and act effectively in difficult situations.
- **Trade knowledge**: supervisors need to know and understand the activities for which they are responsible, so they can make informed decisions, understand processes, and articulate issues to a higher level of management.
- **Accountability**: a good supervisor must step up and take some responsibility when things go wrong.

Supervisors are often promoted to the role because of their subject-matter knowledge and expertise. However, sometimes their managerial skills need to be developed. This can take place in the form of mentoring from other supervisors or management, or through formal education provided by training organisations. There are many qualifications and programs in Australia that are excellent in terms of delivering the skill set needed by Supervisors, such as a Certificate IV in Leadership and Management, or a Certificate IV in Competitive Systems and Practices. In many instances, government funding may be available to support these programs.
TRAINING & CERTIFICATION

REPLACEMENT OF THE REGISTER OF QUALIFIED AND CERTIFIED WELDING PERSONNEL

The current public database of WTIA and IIW Register of Qualified and Certified Welding Personnel will be phased out and replaced by the WeldQ System and the AWCR.

The current register will be phased out very soon. If you want your existing qualification and certification details to be visible on the new public directory, you must register on WeldQ as soon as possible. More than 200 people have already registered on WeldQ.

Best of all, registration is completely free of charge.

How Do I Register on WeldQ?
Go to www.awcr.org.au/welders/how-to-register/

It is strongly recommended that you use the Google Chrome browser as other browsers may not work properly. If you use Firefox, you may experience some problems. We do NOT recommend Windows Explorer.

Before Registering
Read through the instructions before registering on WeldQ. This will make the registration process much easier.

Instructions on how to set up a WeldQ account and a WeldQ profile can be found on the AWCR website.

All details entered will be verified by the WTIA.

Further Information
If, after referring to the instructions in the resources, you require assistance, phone 02 8748 0100, or use the contact form on the AWCR website.

WANT TO GET QUALIFIED, BUT NO TIME FOR TRAINING?
Try the Alternative Route
The alternative route is aimed at individuals who may already have experience in a job at a particular level, without holding the appropriate qualification.

These individuals will have already gained full or part knowledge of the syllabus and be able to demonstrate their capability to proceed to examination directly without compulsory attendance at an approved training course. Individuals are assessed based on their experience, education, training, and practical work experience in welding at the relevant qualification level.

The assessment process involves a paper assessment, completion of a case study project, presentation to a panel of examiners and oral interview. Success in the assessment enables you to sit the relevant exams. A pass in the exams leads to the award of the relevant qualification. The alternative route is available for:

- International Welding Practitioner (IWP)
- International Welding Specialist (IWS)
- International Welding Technologist (IWT)
- International Welding Engineer (IWE)
- Inspector – Basic (IWI-B)
- Inspector – Standard (IWI-S)
Delegates heading to this year’s National Manufacturing Week will have the chance to attend a series of seminars, showcases, interactive discussions, and networking sessions addressing the critical touch points that will help drive the industry 4.0 revolution.

Speakers include Jason Furness (Manufacturship), Matthew McKnight (Autodesk), Guy Webber (Lockheed Martin Australia), Karen Stanton (Heat Treatment Australia), Nik Jakube (Centre for Defence Industry Capability of AusIndustry), and many more. Hosted at the event’s Industry 4.0 Theatre, speakers will cover five key themes.

Industry Capability Development: These sessions will focus on investment, supply chain integration and industry capability promoting initiatives, as well as supportive industry, government and community led networks promoting team based approaches to manufacturing development.

Product and Service Innovation: Manufactured products are changing radically, with the nature of manufacturing shifting towards ‘manufacturing as a service’ in horizontally and vertically integrated supply chains. NMW will explore advances in manufactured products, services and supply chain integration.

Technology Innovation: The pace of technological change is relentless. Manufacturers must keep up with it to maintain their competitive edge. NMW 2017’s extensive exhibition and content program will both feature a broad showcase of innovations in advanced manufacturing design and technology. Through live tech demonstrations and hands-on sessions, attendees will have many opportunities to skill themselves around new techniques and technologies.

Process Improvement: Lean, Six Sigma, Continuous Improvement, Agile, Value Engineering—there are many methodologies out there that manufacturers can call upon to strategically improve their processes and organisational productivity. These leading case studies and interactive sessions will highlight process improvement approaches in manufacturing, which deliver practical increases to manufacturers’ operational efficiency and effectiveness.

Sustainable Manufacturing: Speakers will explore the latest advances in sustainable manufacturing processes and operating models through a range of high level discussions and practical demonstrations.

“National Manufacturing Week is Australia’s only fully integrated annual manufacturing exhibition, and provides an unrivalled opportunity for visitors to network, collaborate and learn from one another,” said 2017 Event Director Robby Clark.

“The 2017 theme and seminar programming offers attendees the latest expert opinion on the future of manufacturing, advances in new technologies and process improvements as well as looking at global sustainability for the manufacturing industry.”

National Manufacturing Week is from 9 to 12 May 2017 at the Melbourne Convention and Exhibition Centre. Register at: nationalmanufacturingweek.com.au.

NATIONAL MANUFACTURING WEEK
UPCOMING EVENTS

Whether you need to brush up on skills acquired years ago, or want to try your hand at something new, there’s sure to be an event for you. For further details on any of the events or examinations listed below, contact events@wtia.com.au or +61 (0)2 8748 0100.

MAY 2017
Lift Your Game Workshop
Sydney, 8 May
Melbourne 10 May
Are your tenders one step ahead of the rest? Do you write winning tenders and proposals? Or do you need some coaching? Perhaps a little help to lift your tender writing game? With the WTIA’s ‘Lift Your Game’ tender and proposal writing workshop, you’ll be well on your way to winning new work, and getting through the selection process with flying colours. You’ll understand what tender evaluators are looking for, and how they grade. For details, go to page 10.
Register for the Sydney workshop.
Register for the Melbourne workshop.

WTIA Annual General Meeting
Melbourne, 9 May
The WTIA will hold its Annual General Meeting at 4.30pm at the Melbourne Convention & Exhibition Centre (within National Manufacturing Week). All WTIA members are invited to attend, meet the WTIA Council members, and participate in the discussions.

National Manufacturing Week
Melbourne, 9 to 12 May
With the theme of ‘Delivering the Industry 4.0 Revolution’, National Manufacturing Week (NMW) will be held in Melbourne this year. The conference and exhibition is free to attend and will feature an exciting array of products and companies in its dedicated ‘Welding Zone’. The WTIA will also have its own stand at the exhibition, so make sure you visit. For details, visit nationalmanufacturingweek.com.au

WTIA & IIW EXAM DATES
IWS and WTIA Welding Supervisor (including AS 1796 Cert 10 and AS 2214)
• 14 & 15 June 2017
• 9 & 10 November 2017
IWI-B and IWI-S
• 31 August & 1 September 2017 (depending on demand)
• 2 & 3 November 2017

Please note that these dates are subject to change. For further information, please contact qnc@wtia.com.au.
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