

CLEAN-UP
INDUSTRY
SAFELY



AUSJET/ADCVA Newsletter

February 2024



Chairperson's Report

Dear Members,

Welcome to the first edition of the 2024 newsletter. I hope everyone had an enjoyable and safe Christmas / New Year break.

Firstly, I would like to acknowledge and thank our members DEN-JET and WOMA for their continued Platinum Sponsorship for 2024 and we look forward to your contributions over the year.

I would also like to take this time to encourage all our members to participate in projects, join sub-committees, give feedback on the organisation, and try to attend as many events as possible over the course of the year.

As we move into 2024 the board is looking forward to another big year for the organisation, culminating in the AUSJET24 Conference & Exhibition being held at the Melbourne Showgrounds in October.

As mentioned in the Christmas edition, the board is motivated to make this conference even more successful than the last. If anyone has any ideas on speakers and conference topics that relate to our industry, please reach out to myself or Gabe to put your ideas forward. There are still spaces open, and if anybody is interested in taking on a sponsorship or exhibitor space, please get in contact with Gary Fitzroy at Expertise Events, he will be more than happy to tailor something to your specific needs.

In 2023 the Safety Forum was established, and this will again be a major focus for 2024. The improved focus of incident reporting and sharing. Far too often we hear about incidents occurring within our members organisations that go unreported, we are also made aware of incidents from non-members. On all occasions we attempt to get information on these incidents out to our members, however as an industry we are failing ourselves in this area. If we continue to not share our incidents and learnings, we will continue to see repeat incidents, this will have a negative impact on how the vacuum, drain cleaning, NDD and high-pressure water jetting industry is viewed.

Please do follow us on social media, sign up to our newsletter, and get involved in our projects. We are making sure that there is the chance for everyone to be a part of this inspiring and welcoming organisation, I urge you to take these opportunities and get involved and make 2024 a record year for member participation.

Our next General Meeting will be held Thursday 14th March 2024 @ 14.00 AEDT, the meeting is scheduled to be held during the Australian Oil and Gas Trade show - AOG Energy in Perth at the Convention & Exhibition Centre, the meeting will also be held via Zoom. To all the members that can attend in person it will be good to catch up and it will also be great to get a large attendance registered on Zoom.

Lance McKay

Chairperson

AUSJET / ADCVA

**DEN-JET Australia - Platinum Member and Sponsor of
AUSJET / ADCVA**



DEN-JET is a leading supplier of Water Blasters, Water Jetting Accessories, Safety Equipment, Spare Parts, and Rental machines. The OEM business manufactures High-Pressure Water Blasting Machines and accessories for many applications such as Decommissioning, Industrial & Marine Cleaning, Concrete Demolition, Surface Preparation, Mining amongst many other functions. The company has a reputation for specialist knowledge, quality products with a safety focus, competitive prices, and excellence in Customer Service.

DEN-JET is excited to exhibit at the upcoming AOG Energy Event in Perth from 13-15 March 2024. The theme for this year's event is to be energised for the future. On display will be the CEX40-2000, CEX20-500 & CA12-250 water blasters.

Model CEX40-2000 (electric drive) operates at 2000bar @ 10Lpm, furthermore many pressure/flow conversions are available, The CEX40-2000 is IEC Ex / ATEX Zone II compliant, power outlet required is 400/440V, 63Amp, which are commonly available at off-shore facilities. Includes 30m remote Emergency Stop Station.

Model CEX20-500 (electric drive) operates at 500bar @ 17Lpm, also available in 200/280/350/400bar models. The CEX20-500 is IEC Ex / ATEX Zone II compliant, power outlet required is 400/440V, 32Amp. This machine has a very small footprint.

Model CA12-250 (pneumatic drive) operates at 250bar @ 15Lpm. It is a Class A pump and is a great for pressure washing anywhere in IEC Ex/ ATEX Zone I areas.

We look forward to showcasing our water blasters and capabilities. Be sure to drop by our stand F26 to meet the team and talk about your requirements.

See you soon.

Martin and the DEN-JET Australia Team.

DEN-JET Australia Pty Ltd
24-28 Bowyer Road, Wingfield SA 5013

E: au.sales@denjet.com

P: +61 439 118 776

W: www.denjet.com.au



WOMA Australia - Platinum Member and Sponsor of AUSJET / ADCVA



WOMA Australia is a proud Australian Original Equipment Manufacturer (OEM)

WOMA offer a wide range of ultra high pressure systems, machines, accessories and associated robotic automation to get the job done in a wide range of industrial environments!

Today we extend our appreciation to Metspray (NZ) 2013 Ltd for their investment in a WOMA Trailer Mounted 150M 17LPM @ 2500Bar powered by a John Deere 6068.



16 Redemptora Road, Henderson, WA 6166

hpwater@woma.com.au

08 9434 6622

www.woma.com.au

AUSJET24

[View this email in your browser](#)



Invitation to Exhibit at AUSJET24

Showcase your business!

Dedicated expo to showcase the Future of Water Jetting, Drain Cleaning, Vacuum Technology and Non-Destructive Digging Industries at the AUSJET24 Conference.

The world of Water Jetting, Drain Cleaning, Vacuum Technology and Non-Destructive Digging Industries is evolving at an unprecedented pace and the AUSJET24 Conference is your ticket to present and connect with key decision makers with what lies ahead. From the surveys conducted at the conclusion of the AUSJET22 conference, 67% of attendees were decision-makers or influencers on purchases. Don't miss out on this incredible opportunity to stay ahead of the curve and ensure you stay at the forefront of this rapidly changing industry.



The landscape of the Water Jetting, Drain Cleaning, Vacuum Technology and Non-Destructive Digging Industries is changing in real time. Occupational Health and Safety (OHS) requirements and local compliance regulations are evolving faster than ever. To succeed in this dynamic environment, users need to stay informed about the latest trends, innovations and therefore solutions. The AUSJET24 Conference is the platform where you can connect in real time with exhibition stands, learning stages and the live Demonstration Arena where products are put through their paces - Experience Innovation in Real Time.

Building on the success of the outdoor Demonstration Arena at the AUSJET22 Conference, we are excited to introduce the brand-new Technology Arena, featuring drones and robotic remote-controlled equipment. Be a part of the future as you witness these technological marvels in action. The AUSJET24 Conference is so much more than the normal expo offerings, we can bring your products to life like no other event whilst connecting you with key buyers.

[Click here for exhibitor prospectus](#)

Tailgate Talks - Get up close and personal



For those who crave in-depth knowledge about specific equipment, our Tailgate Talks are the perfect opportunity. Engage with experts, ask questions and gain valuable insights into the equipment that matters most to your business.

The AUSJET24 Conference will introduce a dedicated session outlining Women in our Industry. This will take place during the breakfast session on the second day and will add another level of participation to the conference.

Don't miss out on the AUSJET24 Conference - the most significant event for the Water Jetting, Drain Cleaning, Vacuum Technology and Non-Destructive Digging Industries.

Book your space now and join the friendly network of exhibitors dedicated to our industry!

[Click here to book your space](#)

Our Sponsors

Platinum Partners



Gold Partner



Proudly organised in conjunction with



AUSTRALASIAN HIGH PRESSURE
WATER JETTING ASSOCIATION



AUSTRALASIAN DRAIN CLEANING
AND VACUUM ASSOCIATION

AUSJET24 Conference

23-24, October 2024
Melbourne Showground

Want to discuss your options?

Contact **Shayne McHenry** today
Email: shayne.mchenry@expertiseevents.com.au
Telephone: (02) 9452 7593


See you at the AUSJET24 Conference where the future of the Water jetting, Drain Cleaning, Vacuuming Technology and Non Destructive Digging Industries unfolds before your eyes!

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Class A Training

Class A training relates to the use of high pressure water pumps under 5600 bar litres per minute as defined by Section 1.1 of AS4233:2013.

AUSJET's Online Class A Training meets the requirements set out in Section 7.2 of AS4233:2013 Part 1.



**Safe Use of High Pressure
Water Cleaners**

Class A Training

is available online

Class A training relates to the use of high pressure water pumps under 5600 bar litres per minute as defined by Section 1.1 of AS4233:2013

This training meets the requirements set out in Section 7.2 of AS4233:2013 Part 1.

AUSJET Members can access the Class A Training at a reduced cost;
Simply by logging in to the AUSJET/ADCVA Website!

**CLEAN - UP
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Follow this link to access the [Class A Training](#)

www.ausjetinc.com.au

0430 391 166

Industrial Services - Cert II, III & IV Course Update

We have recently been in touch with IBSA, and there is a possibility that we will be able to progress these courses in the second half of this year.

IBSA the Jobs and Skills Council for the manufacturing sector, recently invited AUSJET/ADVCA to share the workforce challenges in our industry. They also shared with us the initial plan on manufacturing workforce challenges, developed in late 2023.

To download an excerpt of the Initial Workforce Plan, please click this link: <https://bit.ly/49n8isU>

AUSJET/ADVCA provided feedback on the initial plan and addressed the following area's specific to our industry, with a focus on the our industries need and desire to have to provide industry participants with a career pathway and qualification. This is key to our industry to attract and retain people, and has support not only within our membership but throughout the wider industry.

We addressed and communicated the challenges we have

- Attracting a workforce
- Retention
- Lack of diversity in the manufacturing talent pool
- Relevant, future-focused skills deepening and reskilling - the need for broader and more consistent skills development that meets demand for emerging industries throughout careers.

Further to that, IBSA were interested to know what changes we foresee to our workforce because of changes in government regulation, energy costs, technological changes, economic conditions, and other global risks.

In terms of the response to government regulation we did not hold back in our response, and communicated that the introduction of the Jobs and Skills Councils had unnecessarily delayed the development of our industry certificate courses for over two years.

We will continue to work towards the development and implementation of the Cert II, III & IV courses in Industrial Services.

If there are any queries please contact Gabe at support@ausjetinc.com.au

New Members

AUSJET/ADCVA welcomes new member

Tygear Operations Pty Ltd

Based in

New South Wales



In March 2009, Tygear Operations Pty Ltd was formed to provide one on one personal service to our clients for repairs, maintenance, engineering and abrasive/ water blasting, machine shop.

We are dedicated to providing our services efficiently, effectively, safely and with the highest standard of professionalism; yet maintain "good old fashion customer service values".

Since Tygear Operations commenced operations in 1999, many large projects with the Bloomfield Group, Tasman Project, Auspac Mining Services, Elton Conveyors, Sarens Cranes, UGM, Humes, Specialized GEO, Shaftlining Australia and Gabes Cleaning Services have been completed.

Our Managing Director [Patrick Geary](#) with 33 years of knowledge and experience has worked in the repair, construction, maintenance and overhaul of mining and materials handling equipment including, conveyors, gearboxes, rotary breakers, sizers/crushers, storage bins, screens etc.



Our Values:

Tygear Operations is committed to professionalism in the conduct of its steel fabrication, sandblasting and mine maintenance business. The business is based on the following values:

Professionalism in all that we do (on time, to quality on budget)

- Ethical behaviour
- Competent performances in all trades
- Innovative practice and engineering and trade excellence
- Satisfy accepted environmental standards and,
- Reward for effort.

In our workshop we are capable of Handling 4 Ton structures with our 5 Ton Forklift and Jib. We have built truck bodies in our workshop at 8m long, conveyor sections 10m long and other platforms 5mt square. We can handle most reasonable sized fabrications in our workshop.

For more information regarding our steel fabrication, pressure cleaning, sandblasting and mine maintenance services contact Pat from Tygear on 0408 487 041

To learn more about Tygear Operations Pty Ltd visit their website www.tygear.com.au

email tygearworkshop@bigpond.com phone 0408 487 041

Safety Snippets

Protecting Operators from Hose Failure

High Pressure Hose Failure

High pressure hose failure is a common risk associated with any high pressure water jetting activity. There are some basic measures to minimise this risk.

- Ensure new hoses are tested in accordance with AS4233.2 requirements and that a test certificate is provided.
- Any hoses that have been repaired or re ended need to be retested and a test certificate obtained.
- Complete a visual inspection of the hose prior to using it.

Protecting Operators

An operator should always complete a pre-start inspection of all hoses - check for kinks, flat spots, blisters, damaged threads or broken braids. If any of these are detected the hose should be tagged out and removed from service.

Ensure that all high pressure hose connections are properly secured and that they are restrained with braided hose restraints. The braided hose restraints will prevent the hose from whipping if there is a failure of or near the connection.



AS4233.1

3.2.3 Hose assemblies

(d) All hose connections to equipment or other hoses shall be restrained with appropriate hose restraints, braided stocking or other suitable means to restrict their movement in the event of a hose separation or end failure. **Whip checks shall not be used as a hose restraint.**



(e) Additionally, the point at which the hose attaches to any hand or foot operated device shall be protected by an over-sheath shroud manufactured from materials capable of withstanding a direct force of the jet of high pressure water to protect the operator in the event of hose separation/or end failure.

When the operator is in close proximity to the hose or a high pressure hose connection - ensure the hose is secured with a braided stocking but also include a rated shroud. Although the connection is secured with the braided stocking the operator can be exposed to a sudden release of high pressure water. The rated shroud will protect the operator from any release of water.



PPE the least effective means of control.

Ensure all operators are wearing suitably rated personal protective equipment that is rated to protect them from the impact of the high pressure water jet.

Incident Reporting

One of the responsibilities of being a member of AUSJET/ADCVA is to report all incidents. It is important we communicate all incidents within our industry to prevent them from reoccurring and to improve industry safety both here in Australia and now globally through the GICC Global Industrial Cleaning Coalition.

All information is kept strictly confidential and can be reported through our website [safety/report-an-incident-/](#), or directly to our administrator Gabe Wardle support@ausjetinc.com.au. In all cases we request the contact details of the person reporting the incident, so we can work with them to develop an industry safety alert.

When developing the industry safety alerts any reference to the company that had the incident, or the location of the incident is removed. Prior to publishing the safety alert, we send a draft of the alert to the reporting person for their approval prior to distributing the alert to our members and on social media.

What should be reported?

To truly improve industry safety, we would like to see all incidents involving High Pressure Water Jetting, Vacuum Loading, Drain Cleaning and Hydro Excavation reported including:

- Accidents
- Injuries
- Near Misses
- Environmental Incident

In some circumstances we understand that some incidents may be placed under legal privilege. In these instances if possible we would request that members simply advise AUSJET/ADCVA that an incident has occurred without specific detail, then at the completion of the investigation and the period of privilege, we can then work together to develop a safety alert.

To report an Incident, Near Miss, Injury, please go to [safety/report-an-incident-/](#)

Incident Alerts

Incident Alert 111 - Hand Injury - Hand caught in vacuum truck valve

During Non-Destructive Digging (NDD) operations, the Vacuum Truck Operator identified a blockage in the suction line. The Operator attempted to remove the blockage by striking the suction hose line with a rubber mallet and operating the system in both 'vacuum' and 'blow' mode in a further attempt to dislodge the blockage.

Please go to the [Safety Alerts](#) page to see further details of this incident.

Incident Alert 112 - Jetter Fire

A Drain Cleaning Operator returned the HPWJ drain cleaning unit to the Depot, another worker in the yard identified smoke coming out of the rear door, then used a fire extinguisher to put out the small fire.

Please go to the [Safety Alerts](#) page to see further details of this incident.



Incident Alert 113 - HPWJ Drain Cleaning Unit Hose Failure

An operator was cleaning a sewer line using the pendant control on a "Class B" Drain Cleaning unit. The operator was approximately 4m from the hose when it burst. The crew were utilising "Tiger Tails" to protect the hose on entry into the pipe being cleaned.



Please go to the [Safety Alerts](#) page to see further details of this incident.

Asking R U OK? when things get tough



Many communities throughout Australia have been impacted by natural disasters in recent weeks, months and years. The emotional impact can be difficult for people to cope with both in the short and longer term.

Seeing someone you care about struggling can make you feel helpless in the midst of circumstances that are so out of your control. However, one thing you can do is lend support by asking, 'are you OK?' and having regular, meaningful conversations about what they're going through. Listening and showing concern can really help them with their emotions and make them feel supported.

[The R U OK? Mateship Manual](#) provides guidance and tips to help you support a family member, friend, neighbour or workmate affected by a natural disaster.

[Download the Natural Disaster mateship manual](#)

AOG Energy



13-15 MAR 2024

PERTH CONVENTION & EXHIBITION CENTRE

Dedicated to Perth

For over 40 years, AOG Energy has brought the entire supply chain together in the oil and gas epicentre in Australia – Perth. Perth is home to major Australian operators, suppliers and projects. The support of the local Western Australia government continues to drive WA as a global leader.

Networking Opportunities

Meet the decision-makers who attend AOG Energy every year to source the latest innovations, and establish connections with engineers, manufacturers, design, contractors, logistics specialists, procurement and transportation service providers over three days of dedicated networking events and across the show floor.

A Place to Discover

Discover the latest products and innovations from leading distributors and manufacturers that are driving the industry forward.

Industry Learning

Learn from thought leaders and technical specialists at the free-to-attend conference sessions held in theatres on the exhibition floor – covering topics ranging from industry supply, collaboration, subsea, hydrogen, renewables and more!



AUSJET/ADCVA Members will be exhibiting at AOG Energy showcasing their wares and what they do best. We look forward to seeing you all there.

Abdex Industries

STAND: E7

COUNTRY: Australia



DEN-JET AUSTRALIA PTY LTD

STAND: F26

COUNTRY: Australia



WOMA AUSTRALIA

STAND: J19

COUNTRY: Australia

AUSJET/ADCVA General Meeting

Thursday 14th March 2024 @ 11am AWT Perth WA @ the Perth Convention Centre, AOG Energy

Meeting Room 4 (Opposite Stand J1).

Please advise support@ausjetinc.com.au of your intention to attend.

This meeting will also be held via Zoom for those who may not be able to attend in person.

When: Mar 14, 2024 11:00 AM Perth

Register in advance for this meeting:

<https://us02web.zoom.us/meeting/register/tZAqf-CvqzkiH9zo0wVBLXIYNeHIC5O2-Npp>

After registering, you will receive a confirmation email containing information about joining the meeting.

Newsletter and Website Advertising

The AUSJET / ADCVA Newsletter is an e-newsletter which is distributed via email across the membership and other Industry groups and individuals throughout Australasia and internationally; as well as the AUSJET website and across Facebook and LinkedIn social media platforms.

Advertising in the Newsletter consists of either an image advertorial and/or an article advertorial which allows your business to get noticed by those with influence in the Water Jetting, Drain Cleaning, Vacuum Loading and Hydro Excavation industries.

The Newsletter is distributed bi-monthly: February, April, June, August, October and End of Year December.

Newsletter - Advertise your business and services in the next Newsletter

Item	Platinum Member	Member	Non-Member
Newsletter	FREE As per Platinum Member Benefit	\$199.00 per Advertorial OR \$150.00 ea for four and get two FREE \$600.00 annually	\$220.00 per Advertorial

Web Banner - We encourage members to advertise on the AUSJET / ADCVA website (Web Banner) which is displayed at the bottom of this screen and across every page. The AUSJET / ADCVA website is accessed by members, industry, government and the community.

Item	Member	Non-Member
Web Banner	\$380.50 Financial Yearly	(Members Only Benefit)

If you would like to advertise in the newsletter or on the webpage please email: support@ausjetinc.com.au