

CLEAN-UP  
INDUSTRY  
SAFELY



Newsletter



AUSTRALASIAN HIGH PRESSURE  
WATER JETTING ASSOCIATION



AUSTRALASIAN DRAIN CLEANING  
AND VACUUM ASSOCIATION

AUSJET/ADCVA Newsletter  
June 2024

Platinum Membership  
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### Chairperson's Report

Dear Members

Welcome to this edition of the AUSJET/ADCVA newsletter.

This Chairperson's report will be dedicated to the AUSJET24 Conference.

The programme is close to being finalised and shortly we will be inviting people to take part in various panel discussions and demonstrations throughout the event.

Over the next few months, you will start to see the marketing for the conference start to increase as we close in on the October event. The AUSJET24 Conference subcommittee is busy working with Expertise Events to make this conference even more successful than the last. Further in the newsletter you will see EOI's to join panel discussions at the conference this year, I encourage everyone to have a think about the topics and who would be best suited to participate in these discussions. Referring to the feedback we received from the last conference and member engagement, these panel discussion topics listed below have been the topic of most interest from our members. They are very industry specific and touch on the challenges from all our member demographics, whether they be contractors or suppliers.

This coupled with the Live Demonstrations, Large Exhibitor Space, will make for a very successful AUSJET24 Conference and Exhibition.

I would like to take this opportunity to thank the current AUSJET24 Conference Sponsors:

- **Proud Platinum Partners**
  - Hammelmann Australia Pty Ltd
  - Bucher Municipal
- **Proud Gold Partner**
  - KOR Equipment Solutions Pty Ltd
- **Education Hub Sponsor**
  - Cleanaway Industrial Solutions

There are still sponsorship and exhibitor spaces available, if you are interested in being a part of the only industry specific conference in Australia, then get in contact with myself or Gabe and we can connect you with Gary Fitzroy at Expertise Events, he will be more than happy to tailor something to your specific needs.

### **AUSJET/ADCVA Awards**

It is important to recognise the effort and investment companies and people are putting in to make our industry a safer place to work.

You may have seen EOI's for the [AUSJET/ADCVA Innovation Safety Awards](#), we are very excited to announce these awards, they are designed to recognise the good work being done in our industry with regards to safety, wellbeing, innovation and customer service.

The awards criteria are:

#### **Contracting Company Award:**

Awarded to an organisation that can demonstrate a sustained safety performance and/or culture in a workplace that incorporates the implementation of innovation, physical and mental wellbeing, health, and safety initiatives.

To enter this category an organisation must demonstrate how innovation has led to a safer workplace, and outline the initiatives implemented that have improved both physical and mental health and safety outcomes and improved their overall organisational safety culture.

#### **Supplier Award:**

Awarded to an organisation that has improved industry safety through innovation, via the introduction of new products or the enhancement of existing products or services.

To enter this category an organisation must demonstrate how they improved safety through innovation.

#### **Operator Award:**

Awarded to an outstanding industry operator who leads from the front in the promotion of a safer workplace, strives to provide a quality service to their customers and is an effective team member.

To enter this award nominees are to provide evidence of how they promote a safer workplace, and how they interact with their customers and team mates to meet the criteria of the award.

The awards will be held annually, and the finalists and winners will be voted on by the AUSJET / ADCVA Health & Safety Forum. The announcement of the winners in a conference year will be held at the conference and a non-conference year they will be announced at the AGM.

The deadline is Friday 30th August 2024 and for more information please contact Gabe Wardle at [support@ausjetinc.com.au](mailto:support@ausjetinc.com.au)

### **Women In Industry Breakfast**

AUSJET/ADCVA are thrilled to announce that a Women In Industry breakfast to be held on Thursday 24th has been added to the program this year. Through the breakfast, discussions will be facilitated by a host to generate conversations around the highs, lows, challengers, technology and changes in our industry that women have noticed over the past 10 years.

We are really proud to add this event to the program and are sure it will be a rewarding and informative event.

### **AUSJET/ADCVA Platinum Sponsors**

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

Also, I would 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.

### **AGM**

Our next General Meeting and Annual General Meeting will be held on Thursday 15th August 2024 at 10:00am AEST at the Gladstone Turf Club - Dawson Highway, Gladstone, QLD. The meetings will also be held via Zoom.

Register in advance for this meeting:

<https://us02web.zoom.us/meeting/register/tZMkcGtrDooG9QziD1WrXv98uoUo9idAA4S>

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

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.

### **Board of Management Nominations**

We are seeking [Expressions of Interest for AUSJET/ADCVA Board of Management](#), 2024/2025 financial year. Please submit your nominations to [support@ausjetinc.com.au](mailto:support@ausjetinc.com.au) by close of business Friday 2nd August 2024.

Regards

Lance McKay

Chairperson

AUSJET / ADCVA

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



EXTENSIVE EXPERIENCE | EFFECTIVE SOLUTIONS | CONSISTENT DELIVERY

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 has a large range of Water Blasters and Spare Parts available including hoses, gauges, nozzles, PPE equipment (helmets, gloves, overalls, and boots) plus much more. We are official resellers for TST PPE and Stoneage equipment.

Last month Shane celebrated his 5-year work anniversary with DEN-JET. Over the past five years, Shane has proven to be an indispensable member of the DEN-JET team. His commitment has played a pivotal role in the business success. The team is grateful for his contributions. As we look ahead, we anticipate many more years of collaboration, achievement, adventure, and success together.



Shane and the DEN-JET team are focused on innovation, efficient service and effective solutions. Talk to us about your project requirements no matter how big or small.

**DEN-JET Australia Pty Ltd**  
**24-28 Bowyer Road, Wingfield SA 5013**  
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P: +61 439 118 776  
W: [www.denjet.com](http://www.denjet.com)



**WOMA Australia - Platinum Member and Sponsor of AUSJET / ADCVA**



[Ultra High pressure water jetting](#) is becoming essential as the leading technique for the fulfilment of various cleaning and maintenance tasks in industry. Water used as a cleaning, jet and cutting instrument is both, safety compliant and ecologically sustainable.

The proven WOMA plunger [high pressure pumps](#) are complimented by a complete range of specially developed [high pressure water jetting systems](#), accessories and tools.

For ultra high pressure cleaning solutions for industry, look no further than [WOMA Australia](#).

[WOMA](#) Australia offer a fantastic range of high pressure industrial pumps. With over 35 years' experience, we are well placed to advise on the best high pressure pump for your needs.

16 Redemptora Road, Henderson, WA 6166

[hpwater@woma.com.au](mailto:hpwater@woma.com.au)

08 9434 6622

[www.woma.com.au](http://www.woma.com.au)

## AUSJET24



### AUSJET24 Discussion Panel Members

AUSJET/ADCVA are calling for expressions of interest for Discussion Panel Members.

### AUSJET24 Day 1 Program – Wednesday 23rd October 2024

1. 11:00am – 11:30am

**Panel Discussion – How we moved forward in creating awareness with asset Owners and Tier 1 contractors of high pressure water and Vacuum, applications, safety, are they more involved in the industry now as compared to two years ago. What do we need to do to progress this further.**

The panel discusses how the industry can create awareness with asset owners of the dangers of high pressure water and vacuum, and the importance of safety and standards. How do we get them involved?

2. **11:30am – 12:00 noon**

**Panel Discussion: Automation, Robotics and Semi Automation**

The panel discusses the use of automation, robotics and semi automation to make high pressure water jetting activities safer by removing the operator from a direct interface with water jetting tools.

3. **1:45pm – 2:15pm**

**Panel Discussion: Drain Cleaning and Vacuum Loading Contractor Challenges**

The panel discusses what are the greatest challenges contractors face, with equipment what would they like to see from suppliers.

**AUSJET24 Day 2 Program – Thursday 24th October 2024**

1. **9:45am – 10:15am**

**Panel Discussion: The effects of Silica Dust & the advantages of HPWB**

Please forward your interest to [support@ausjetinc.com.au](mailto:support@ausjetinc.com.au)

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**AUSJET / ADCVA is very happy to announce the inaugural Innovation Safety Awards open to members for excellence in their field.**

**This year the winners will be announced at the AUSJET24 Conference**





# AUSJET / ADCVA INNOVATION SAFETY AWARDS

These **Innovation Safety Awards** are open to AUSJET / ADCVA Members to show case their own achievements and advancements in innovation and safety.

**Submit your nominations to**  
[support@ausjetinc.com.au](mailto:support@ausjetinc.com.au)  
by Friday 30th August 2024

The three categories for the awards are:

- **Contracting Company Award**
- **Supplier Company Award**
- **Operator Award**

<https://www.ausjetinc.com.au/resources/innovation-safety-awards/>

## The Criteria:

### **Contracting Company Award:**

Awarded to an organisation that can demonstrate a sustained safety performance and/or culture in a workplace that incorporates the implementation of innovation, physical and mental wellbeing, health, and safety initiatives.

To enter this category an organisation must demonstrate how innovation has led to a safer workplace, and outline the initiatives implemented that have improved both physical and mental health and safety outcomes and improved their overall organisational safety culture.

### **Supplier Award:**

Awarded to an organisation that has improved industry safety through innovation, via the introduction of new products or the enhancement of existing products or services.

To enter this category an organisation must demonstrate how they improved safety through innovation.

### **Operator Award:**

Awarded to an outstanding industry operator who leads from the front in the promotion of a safer workplace, strives to provide a quality service to their customers and is an effective team member.

To enter this award nominees are to provide evidence of how they promote a safer workplace, and how they interact with their customers and team mates to meet the criteria of the award.

## How Does It Work?

Companies are to nominate themselves for the Contractor and Supplier awards and anybody can nominate an operator for the Operator award. All nominations must provide a submission that clearly demonstrates how they meet the criteria for that particular award. Provide as much information as possible including any client/customer feedback, photos and or videos.

The awards will be held annually, and the finalists and winners will be voted on by the AUSJET / ADCVA Health & Safety Forum. The announcement of the winners in a conference year will be held at the conference and a non-conference year they will be announced at the AGM.

All nominees will be featured in the AUSJET / ADCVA newsletters and social media posts leading up to the conference or AGM, depending on the year.

### **The Prizes:**

The prizes for each winner and runner up from each category are:

#### Contracting Company Award

- Winner or Runner Up Certificate
- Winner or Runner Up logo for your company's website and e-mail signature
- 12 months Winner or Runner Up promotions in AUSJET / ADCVA newsletter

#### Supplier Company Award

- Winner or Runner Up Certificate
- Winner or Runner Up logo for your company's website and e-mail signature
- 12 months Winner or Runner Up promotions in AUSJET / ADCVA newsletter

#### Operator Award

- \$250 gift card for the Winner and Runner Up

AUSJET / ADCVA is very excited to roll out the industry awards and hope that this will prompt members to show case their own achievements and advancements in innovation and safety.

Please submit your nominations to [support@ausjetinc.com.au](mailto:support@ausjetinc.com.au)

We look forward to all the nominations and hope to give the Health & Safety Forum some headaches when it comes to voting.

Safely Yours

The Board of Management

AUSJET / ADCVA





We're calling on everyone to **Ask R U OK? Any Day** because life happens every day. A lot can happen in a year, a month, a week. Whether it's your friend, family member, colleague, partner, or teammate - the people you care about go through life's ups and downs every day. More than half of Australians experience a stressful time at least once a year, and around two in five Australians report high or very high levels of distress. R U OK? research has found an overwhelming majority of people who are regularly asked, 'are you OK?' feel more supported, connected and cared about. That's why we're encouraging you to check in regularly with the people close to you, so you can help prevent small things from becoming big things. **Ask R U OK? Any Day**, because a conversation could change a life.



Visit the [A conversation could change a life.](#) website.

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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  
INDUSTRY  
SAFELY**

Follow this link to access the [Class A Training](http://www.ausjetinc.com.au)  
[www.ausjetinc.com.au](http://www.ausjetinc.com.au)  
0430 391 166

### New Members

AUSJET/ADCVA welcomes new member  
Australian Utilities Management Pty Ltd  
Based in  
New South Wales



AUSTRALIAN UTILITIES  
MANAGEMENT

We are offering a comprehensive one-stop service, providing for all your utility and infrastructure needs.

Australian Utilities Management (AUM) & AU Water Infrastructure (AUWI) are Australian owned and operated offering a comprehensive one-stop service, providing for all your utility and infrastructure needs. We offer a complete solution to all aspects of your construction requirements, encompassing service location, non-destructive digging (NDD), potholing, road sawing, trenching & pipeline installation for water, sewer, stormwater, electrical & communications, CCTV inspections and pipe jetting.

We have a successful track record partnering with Tier 1 contractors & key stakeholders to support delivery of their major projects on time, within budget, whilst maintaining a high quality and a Safety First approach. AUM and AUWI differ from others, the directors have hands on approach in the work fronts everyday ensuring problem solving, consistency and reliability for their clients.

### **Innovation, Experience, Commitment to Safety & Quality**

Our success has been built on our strong relationships by providing:

- Excellent customer service built on Reliability, Trust and Integrity
- Compliance to the highest level of industry safety and quality standards
- Hands on approach to resolving complex site issues
- Constantly evolving delivery methods and adapting new technology to complete projects faster, more cost effectively with less environmental and community impact
- Constant upskilling of an experienced workforce







To learn more about Australian Utilities Management visit their website [www.ausutilities.com.au](http://www.ausutilities.com.au)

## Membership Renewals

It is that time of year again when all annual membership renewals are due. Invoices have been emailed out from our financial program Xero.

If you haven't seen the invoice for membership renewal, please check your all email folders.

If you have any enquiries please contact [support@ausjetinc.com.au](mailto:support@ausjetinc.com.au)

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## Safety Snippets

### Vacuating Flammable Products

Information from AUSJET's book: [Recommended Practices for the Use of Industrial Vacuum Equipment.](#)

- **11.2. Flammable or Combustible Products**
- **11.3 Combustible Dust using a Blower (Lobe) Pump**

Need to be considered with the below information.

Vacuating of highly volatile hydrocarbons will require a significant level of risk control to the equipment and the operating procedures; therefore, it is not recommended unless the vacuum units are designed, rated and approved for this application.

When vacuating a substance/material which is considered to have some Hydrocarbons present the following shall be considered as a minimum requirement:

- Consultation with the client regarding the substance/material to be vacuuated asking the following as a minimum:
    - Identification of the hydrocarbon, eg, crude oil or intermediate or finished product to establish flash points and dangerous goods classifications;
    - The temperature of the material.
  - Conduct of an appropriate risk assessment
  - Establishing/reviewing emergency procedures prior to loading;
  - The vacuum unit must be intrinsically safe to perform the task and have an oil mist or liquid ring compressor for use with flammable liquids. All dry vacuum units, for example Rotary lobe blowers and centrifugal fans are not acceptable for flammable liquid recovery;
  - During loading ensure that a continuous combustible-gas LEL monitor is placed adjacent to the vacuum system exhaust and closely monitored.. Stop the engine if the LEL exceeds 5%, causing the gas monitor to alarm;
  - All hoses shall be bonded and the unit grounded; Place the hose on a suitable non conductive surface; Place electrical meter test probes at each end of the hose/fitting and measure the resistance; Measurement should be within the range as described by the hose manufacturer but no greater than 1.0M ohm; The hose can be inspected and tested by competent people; and the hose should be tested for conductivity when new or each time the end coupling is replaced.
  - The earthing of hoses shall be confirmed prior to any loading activities
  - The loading velocity and splash filling can generate static charge with hydrocarbon liquids. When loading hydrocarbon liquids, the discharge inside the tank will need to be submerged to minimise the risk of static discharge across any vapour space that has the potential to be ignited;
  - Air entrainment for loading hydrocarbon liquids. Vacuum tanker operators shall follow safe operating procedures to prevent or minimise the amount of air introduced into the vacuum tanker cargo tank during transfer from source containers. This is particularly important during the end of product transfer operations when the suction nozzle or the end of the hose may not be completely submerged in the liquid. Depending on the flow rate and the hose diameter, the product may atomise, become suspended in the airflow and not be deposited in the vacuum tank. When this occurs, large amounts of vapour and air are exhausted into the environment.
-



## Incident Reporting

### Reporting of incidents, why should we do it?

As part of our membership to AUSJET/ADVCA our membership charter states that any high pressure/vacuum loading incidents must be reported.

But let's step away from the mandatory statements for now...

Education and Information sharing is key to prevention for our membership base and community. No matter how great or small - incidents do occur where activity happens...

Our responsibility as a community is to learn from the most minor near miss to a worst-case scenario. Near miss recording and reporting is our greatest ally, as like a piece of Swiss cheese the more holes the greater chance of the holes lining up (major incident). A major incident is rarely due to one thing going wrong, it's almost always a number of contributing factors.

With more and more work being automated there is no doubt that we are reducing the likelihood of an incident occurring. We are not necessarily changing the consequences, but certainly great advances have been made in the past few years. We want to see this continue from both high-pressure water and vacuum loading works, particularly around ergonomics and manual handling.

For those who visited IFAT recently in Germany (I was not one of them) the reports back are that the automation advances over the past 2-3 years have come from building more robust and reliable tech, that has greater control and recording of information. As an industry and community of like-minded people we need to embrace the change to make our workplaces safer.

As part of the Safety Committee, we are tasked with assessing any incident reports and communicating the learnings to our membership. Reporting has been traditionally very slow but seems at the moment it's worse than normal. Please if you have any small issues, please let us know, they may not even require a full incident report. We are only interested in causes and corrective actions that we can share with the wider AUSJET community. We are diligent in ensuring that the company or client cannot be identified in the alert and the alert will not be distributed until the person reporting is satisfied with its content. Our hope is that by sharing this information we can stop someone else from being exposed to a near miss and more importantly provide people with information to prevent an injury.

We are not begging for information but really want to encourage reporting of incidents, near misses and learning to create a safer, more enjoyable workplace for our Industry.

Kind Regards,  
Peter Bradford  
AUSJET/ADCVA Director

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

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## Incident Alerts

### [Incident Alert 114: Struck by Vacuum Hose](#)

The operator was hit by a vacuum hose after becoming blocked or vacuuming up a large item that made the hose recoil violently. The operator was holding the hose when it became blocked and recoiled - hitting him in the face.

### [Incident Alert 115: Struck by Vacuum Hose](#)

The operator was hit by a vacuum hose after becoming blocked or vacuuming up a large item that made the hose recoil violently. The operator was standing approximately 2m from the hose when it recoiled striking him in the lower torso

### [Incident Alert 116: HPWJ Nozzle Failure](#)

During the automated cleaning of a tube bundle the nozzle has failed causing the hose and nozzle assembly to exit the tube and guide tube assembly. The recoiling HP hose has hit the operator in the face causing a minor graze.

**[Incident Alert 117: Hydro Excavation](#)**

The operator was performing hydro excavation works when a rock got caught in the end of the boom vacuum hose.

*Please go to the [Safety Alerts](#) page to see all incidents reported.*

**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	<b>FREE</b> As per Platinum Member Benefit	\$199.00 per Advertorial <b>OR</b> \$150.00 ea for four and get two <b>FREE</b> <b>\$600.00 annually</b>	\$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](mailto:support@ausjetinc.com.au)*

**Merchandise**

Item	Price	Buy Now
<p>Recommended Practices for the Use of Industrial Drain Cleaning Equipment Booklet First Edition 2022</p>  <p>Recommended Practices for the Use of Industrial Drain Cleaning Equipment, First Edition 2022</p> <p>This booklet may be purchased from: Ausetec High Pressure Water Jetting Association (AUSJET) Email: <a href="mailto:support@ausjetinc.com.au">support@ausjetinc.com.au</a></p>	<p><b>Members</b> \$18.00 <b>Non-Members</b> \$22.50</p>	<p>Contact: <a href="mailto:support@ausjetinc.com.au">support@ausjetinc.com.au</a></p>
<p>Recommended Practices for the Use of Industrial Vacuum Equipment Booklet First Edition 2020</p>  <p>Recommended Practices for the Use of Industrial Vacuum Equipment, First Edition 2020</p> <p>This booklet may be purchased from: Ausetec High Pressure Water Jetting Association (AUSJET) Email: <a href="mailto:support@ausjetinc.com.au">support@ausjetinc.com.au</a></p>	<p><b>Members</b> \$18.00 <b>Non-Members</b> \$22.50</p>	<p>Contact: <a href="mailto:support@ausjetinc.com.au">support@ausjetinc.com.au</a></p>

<p>Guideline notes for safe use of a High Pressure Water Jetter</p>		
<p>Australian Standard AS4223 1 &amp; 2</p>		
	<p>\$2.50 each</p>	<p>Contact: support@ausjetinc.com.au</p>