



MESA

MINE ELECTRICAL SAFETY
ASSOCIATION INC

WESTERN AUSTRALIA



MINE ELECTRICAL SAFETY **WA** 2025 CONFERENCE

4 – 5 NOVEMBER 2025

PAN PACIFIC PERTH, WESTERN AUSTRALIA

Call for Presentations



PREPARED BY



**Absolute Events
& Marketing**

EXCEEDING EXPECTATIONS

www.mesconferencewa.com.au

CALL FOR PRESENTATIONS

Based on the needs of the Western Australian mine electrical safety community, a well-connected local organising committee (with the support of MESA Inc and the Queensland Committee) hosted the inaugural Mine Electrical Safety Conference Western Australia (MESC WA) in 2019 and has continued to hold the conference with great success.

The 2025 MESC WA Conference will bring together government departments, consultants, suppliers and key industry decision makers within the electrical field to hear technical presentations on all matters relating to electrical safety within the mining industry with specific focus on the Western Australian industry.

Hosted by the Mine Electrical Safety Association Western Australia (MESA WA), the conference is a great opportunity to learn and network among some of the most knowledgeable people in Australia on mining and quarry safety. It is also an opportunity for you to contribute to the direction of mine electrical safety within the industry.

The MESC WA Committee welcomes submissions for presentations in the format of a technical presentation or case study.

- Technical presentations & case studies will be allocated 30 minutes including Q&A

It is important that presentations are NOT a 'sales pitch' or a way of promoting an organisation's product or service – the presentation needs to provide information that is relevant and educational for the audience and showcases mine electrical workplace safety.

Key Dates

Submission Deadline	23 July 2025
Notification of Submission Outcome	8 August 2025
Presenter Registration Deadline	19 September 2025
Conference Dates	4 - 5 November 2025

CONFERENCE THEMES

Presentations are invited under the following themes. You can also view the programme themes on the [conference website](#).

Arc Flash / Personal Protection

Arc Flash is a topic with which MESA Conference attendees will be familiar, having had a period of major focus within the industry. With changes in arc flash standards, developments in risk reduction technology, new electrical workers joining the mining industry and new apprentices and graduate engineers coming through, it is timely that we include this important subject.

Automation / Innovation

With the drive towards zero serious harm and pressures at the mines to improve productivity, there is a desire by industry to increase automation of equipment and the use of innovative technologies. Where automation and implementation of innovative technologies has occurred, there has been a reduction in harm to workers and an increase in productivity. Submissions should detail how the use of automation and innovation has contributed to safety and productivity improvements.

Fostering Our Future Electrical Workers

With more operations commencing, a skills shortage and ageing workforce, what as an industry can we do to ensure that we have sufficient workers to sustain the industry growth and to replace those who are retiring. This not only extends to electrical workers, but also to electrical supervisors, Electrical Engineering Managers and Person to Control Electrical Work.

Mine Life Cycle

Be it short or long, the life cycle of a mine comprises the core elements of exploration, resource definition, cost modelling, approvals, design, construction, operations, de-commissioning and rehabilitation. Through this life cycle, electrical systems are a critical element to deliver the required outcomes, remain safe, be maintained, remain compliant and finally be de-commissioned.

Operation Safety and Maintenance of High Voltage Equipment on Mine Sites

This theme covers the importance of maintaining and operating HV equipment on mine sites, including replacing ageing infrastructure. Submissions on incidents, near misses and shared learnings should focus on what went wrong and what we can do to prevent a similar occurrence. This can also include remote switching, testing techniques and advancements in technology and design, and anything to improve safety and management of high voltage equipment on mine sites.

Renewables

This theme covers battery and autonomous vehicles, carbon neutral activities, solar, wind, battery and other renewable power sources including microgrids and pumping systems. Adopting renewable energy as an approach to both lean operations and carbon neutrality in our industry are necessary and align with the global shift away from fossil fuels. This change however does have its risks, safety concerns and new hazards to consider. We are keen to hear how mines and industry is taking this change onboard and how they are identifying, mitigating and controlling the risks to ensure a safe transition going forward.

Underground Mining Electrics

Submissions in this theme should highlight:

- The different types of underground cable protection being implemented as well as cable fixing and installation techniques that will be of interest to attendees
- Safety factors considered and allowed for when designing transformer installations
- Underground lighting – What's new and what positive results have been achieved
- How protective earth testing (earth continuity) for fixed cabling in an underground IT earthing system is implemented
- Electrostatic management
- Optical and Radiation safety management

Other Related Topic

While we have outlined some categories for presenters to consider, we also encourage presenters to present on other topics that they feel are relevant to present to the delegates at the MES Conference. The types of subjects, while not directly related to electrical, may include matters such as fatigue management, learning from past disasters or incidents outside of mining.

Case Study

If you have had an electrical incident at your site, or are able to talk about an incident on a mine site, then conference attendees would like to hear from you. They would like to understand:

- What happened
- Why did it occur and what were the precursors to the incident
- What factors and ineffective controls were identified
- How it impacted on the people involved and the site
- What corrective measures have been taken to prevent a reoccurrence of a similar event

SUBMISSION GUIDELINES

MESC WESTERN AUSTRALIA SUBMISSION PORTAL

All submissions must be made through the online submission portal and each submitter must set up an account. This account is specific to MESC WA 2025 only.

Submission Requirements

Presentation Information

- **Title** – 20 words maximum in Title Case
- **Presentation type** – select from the available dropdown options
- **Presentation theme** - select one theme from available dropdown options
- **Overview Text** – maximum of 300 words
- It is important that presentations are NOT a 'sales pitch' or a way of promoting an organisation's product or service – the presentation needs to provide information that is relevant and educational for the audience and showcases mine electrical workplace safety
- Submissions should provide enough information on the suggested presentation piece, case study or discussion. Submissions should also demonstrate how the presenter has the relevant background to present on the topic
- Standard abbreviations may be used for common terms only. Otherwise, any abbreviation should be given in brackets after the first full use of the word. Abbreviations may be used in the title, provided the name in full is outlined in the body of the submission
- Graphics cannot be included in your abstract

Presenter Information

- **Photo Headshot** – Provided in jpeg format and a head and shoulders style photo that will suit cropping into a circle
- **Contact Details** - A direct email and phone number for the presenter is required

SUBMISSION GUIDELINES

Notes regarding submission

- **One individual can submit up to a maximum of two presentations.** Presenters will only be included in the programme once, so please keep this in mind when submitting
- A submission can have up to two presenting authors. These presenters must be entered as Author 1 and Author 2 (if applicable)
- All presenters must register for the conference if they are presenting
- If you do not receive an email confirmation within one hour of submitting, please contact the Event Organisers on mesconference@absoluteevents.com.au
- Submissions which are unethical or incomplete will not be accepted for inclusion in the programme

REVIEW OF SUBMISSIONS

The submissions will be reviewed by the MESC WA Committee and will be assessed based on the following criteria:

- Contribution to the overarching technical programme
- Contribution to the selected session theme
- The extent to which the abstract contributes to the body of knowledge in the specific theme
- Relevance to and educational for the audience and a topic that showcases mine electrical workplace safety
- Overview provides sufficient information to allow the submission to be reviewed without the need to ask further questions

Submissions which are unethical, incomplete, or for which outcomes are not apparent will not be accepted for inclusion in the programme

Please note that Conference Chairman reserves the right to allocate presentations to the best advantage of the programme

SUBMISSION POLICIES

All submissions must meet the requirements outlined in this document. You will be required to confirm acceptance of these when submitting.

- Submissions must be original work, written in English and free of typing/grammar errors. Accepted submissions will be printed as received
- All submissions must be completed electronically via the online submission website. If you are unable to submit in this manner, please contact the Event Organisers to discuss options. The Event Organisers will not be held responsible for submissions that are not received via the online submission site or for any submission errors
- All correspondence will be emailed to the primary presenter. It is the responsibility of the primary presenter to forward correspondence to co-presenters and co-authors
- Submission does not constitute an acceptance of the presentation
- **Presenter Registration:** If the submission is accepted, all presenters must register and pay within the required deadline in order to present at the conference and to ensure publication of the presentation (in the conference programme and on the conference website)
- **Publishing Consent:** All accepted presentations will be published as received on the conference website and in the conference programme book. Consent is also provided for the presentation slides to be used and published (in PDF format) by MESC WA including being provided to all attendees of MESC WA 2025 and to MESA Inc. Please advise the Event Organisers if you do not provide consent for publication of presentation slides
 - If consent is not provided, a minimum of 3 slides with key highlights will need to be provided (cannot be an organisation or product brochure)
- **Photo/Video Consent:** If the presentation is accepted, consent is provided for the photos taken during the presentation to be used and published by MESC WA, including being provided to all attendees, and provided to MESA Inc and Absolute Events & Marketing
- **Change in Presenter:** Once the presentation has been approved and allocated, any change in presenter must be reviewed for approval by the MESC WA Committee. If the change in presenter is not approved, the presentation may be removed from the programme

Queries

For any queries, please contact the MESC WA Event Organisers on the details below.

Absolute Events & Marketing

Phone: 07 3848 0089

Email: mesconference@absoluteevents.com.au

Website: www.mesconferencewa.com.au

