



MESA

MINE ELECTRICAL SAFETY
ASSOCIATION INC

QUEENSLAND



**Call for
Presentations**



MINE
ELECTRICAL
SAFETY **QLD** 2025
CONFERENCE

Monday 2 June to Wednesday 4 June 2025
SOFITEL BRISBANE CENTRAL

EVENT ORGANISERS



CALL FOR PRESENTATIONS

Electricity can be an unseen threat in the mining and quarry industry. Safety standards are very high in Australia. We are fortunate safety vigilance is a constant in this industry – it never ages or loses its relevance.

Now in its 35th year, the Queensland Mine Electrical Safety Conference (MESCC) continues to be the premier, most relevant and highly sought-after event tailored to mine electrical safety.

Hosted by the Mine Electrical Safety Association (MESA), the conference is a great opportunity to learn and network with 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 conference is the most significant mine electrical safety event and brings together a wide range of stakeholders such as industry workers, suppliers, contractors, consultants, and government regulators and departments. Key decision-makers are in the one place at the one time - this provides immense value to organisations wishing to gain exposure to these key markets.

The technical programme identifies areas of improvement and innovations for electrical safety, along with providing information and learnings to help improve safety and productivity.

The MESCC Qld Committee welcomes submissions for presentations in the format of a technical presentation, panel discussion or Innovation Award presentation.

- Technical presentations will be allocated 30 minutes including Q&A
- Panel discussions will be allocated 30 - 45 minutes including Q&A (subject to confirmation)
- Innovation Award presentations will be allocated 15 minutes including Q&A and all will be held on Tuesday 3 June

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	26 March 2025
Notification of Submission Outcome	11 April 2025
Presenter Registration Deadline	29 April 2025
Conference Dates	2 - 4 June 2025

CONFERENCE THEMES

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

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.

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

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.

Hazardous Area

The importance of selecting the correct equipment for installation of electrical equipment in hazardous areas (EEHA). A hazardous area is a three-dimensional space in which an explosive atmosphere is or may be expected to occur. Electrical equipment within the hazardous area must be suitably rated and effectively earthed to ensure ignition risks are adequately controlled. Purchasing Ex-certified equipment (ANZEx or IECEx) can be easy; however, knowing what to ask and what information is essential. This requires knowledge and experience. The site owner must manage the hazard under the relevant mining act to demonstrate the classified area is safe for the installation, site workers and the environment.

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. How can a mine ensure that they have safe electrical installations and maintain them in a fit for purpose state?

Renewables

This theme covers battery vehicles, carbon neutral activities, solar and other renewable technologies. License to operate is recognised as a primary risk to mining operations which, together with the industry drive to improve HSE outcomes, has led to great interest in the adoption of renewable energy and similar sustainability initiatives as a core consideration across the life cycle of mines. In addition to mining houses adopting renewable energy as a part of their approach to lean operations and carbon neutrality, the outputs of our resources industry are necessary for the global shift away from fossil fuels and toward smarter forms of energy generation, storage and distribution. How can industry drive down the emissions of green house gas generation at a mine?

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 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.

SUBMISSION GUIDELINES

MESC QUEENSLAND 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 Qld 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

MESC Innovation Award

In addition to the above submission requirements, those presentations submitting for the Innovation Award will need to provide

- A description of the innovation (to be used for marketing purposes) - 75 words maximum
- A paragraph explaining why the submission should be considered for the MESC Innovation Award - 150 words maximum
- How the innovation has reduced the harm that led to the innovation - 75 words maximum

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 Queensland Committee and will be assessed based on the following criteria:

Technical presentations and panel discussions

- 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

Innovation Award

- A new idea that has been developed within the past three (3) years which has:
 - Identified and resolved a specific electrical safety issue, or
 - Improved safety / productivity in the workplace
- The idea must be directly related to/or usable in the mining sector

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 abstract book. Consent is also provided for the presentation slides to be used and published (in PDF format) by MESC Qld including being provided to all attendees of MESC Qld 2025 and to MESA Inc. Please advise the Conference 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 Qld 2025, 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 Queensland 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 Queensland Event Organisers on the details below.

Absolute Events & Marketing

Phone: 07 3848 0089

Email: mesconference@absoluteevents.com.au

Website: www.mesconference.com.au

