

MINE ELECTRICAL SAFETY QLD 2024 CONFERENCE

3 – 5 JUNE 2024

SOFITEL BRISBANE CENTRAL

**Call For
Presentations
Guidelines**





GENERAL INFORMATION

For 34 years, the Mine Electrical Safety Conference (MESC) in Queensland has been the premier mine electrical safety conference in Australia, and places are always in hot demand.

2024 will bring attendees, sponsors, and exhibitors together for another year. The conference has grown so much over the years.

Hosted by the Mine Electrical Safety Association (MESA), 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 is an important event and brings together government departments, consultants, suppliers, and key industry decision makers to hear technical presentations on all matters relating to electrical safety within the mining industry. 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 Mine Electrical Safety Conference allows MESA to provide professional development and education to improve workplace safety and reduce harm.

CALL FOR PRESENTATIONS

The MESC Queensland Committee welcomes submissions for oral presentations in the format of a technical presentation, case study or panel discussion.

- **Oral presentations** will be allocated 25 minutes with an additional 5 minutes allocated for Q&A (*subject to confirmation*).

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

Note: Once approved, presenters are welcome to provide a full paper to be provided to attendees. If this is requested, it will be published as a PDF on the conference website and also provided to attendees after the conference.

KEY DATES

Deadline for Submission	Wednesday 3 April
Notification of Submission Outcome	Tuesday 16 April
Presenter Registration Deadline	Tuesday 30 April



THEMES

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.

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

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.

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.



PRESENTATION SUBMISSION

MESC 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 the MESC Queensland 2024 only.

Online Submission Portal: [click here to access submission portal](#)

SUBMISSION REQUIREMENTS

Presentation Information:

- **Title** – 20 words maximum and must be in **Upper and Lower Case for the Title**
- **Presentation type** – select from the available dropdown
- **Presentation theme** - select one session theme from available dropdown options
- **Overview text** – **maximum of 300 words** (spaces are not part of this count). The submission should have a clear focus, succinctly outline your topic and relate to the selected theme
- **Photo Headshot** – Provided in jpeg format and a head and shoulders style photo that will suit cropping into a circle
- 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

Author Information:

- 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)
- You can be a co-author on multiple presentations that are accepted to the programme
 - Co-authors must also register for the conference if they are presenting
- You will need to provide name, position and affiliation (organisation) for each author



REVIEW OF SUBMISSIONS

- The Conference Chair and MESA Committee will review all submissions
- **Submissions 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
 - Abstract 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

GENERAL POLICIES & REQUIREMENTS

- 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 Conference Organisers to discuss options. The Conference Organisers will not be held responsible for submissions that are not received via the online submission site or for any submission errors
- If you do not receive an email confirmation within one hour of submitting, please contact the Conference Organisers on mesconference@absoluteevents.com.au
- 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). A discounted speaker registration fee is provided to accepted speakers
- **Publishing Consent:** If the presentation is accepted to the programme, consent is provided for the presentation slides to be used and published (in PDF format) by MESC Qld 2024 including being provided to all attendees of MESC Qld 2024 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 2024 including being provided to all attendees of MESC Qld 2024 and to MESA Inc
- **Change in Presenter: Once the presentation has been approved and allocated. Any change in presenter must be reviewed for potential approval by the Conference Chairman**



NOTIFICATION / IMPORTANT INFORMATION

It is important for you to be aware of the following:

1. **Submissions will close on Wednesday 3 April**
2. **You will be notified of the outcome by Tuesday 16 April**
3. To ensure confirmation of your presentation (and acceptance to present at the conference and have your presentation published) **you MUST register by the presenter registration deadline of Tuesday 30 April**. If you are not registered by this date, your presentation will be withdrawn.

All correspondence will be emailed to the address entered by you at the time of submission. Should you have co-authors also attending the Conference, please ensure you pass relevant correspondence on to them.

QUERIES

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

Absolute Events & Marketing

Phone: 07 3848 0089

Email: mesconference@absoluteevents.com.au

Website: www.mesconference.com.au





GUIDELINES FOR ACCEPTED PRESENTATIONS


- **Presentation format:** The presentation format will be 16:9. A pptx file is the required file type
- **Conference PowerPoint template:** This will be provided to accepted presenters, however, the template is not mandatory to use
- **Presentation Computer Equipment:** Windows 10 based PC with Office 2016

Preparing Your Slides:

- **Number of slides** – For a 25 minute presentation, we encourage no more than 20 slides. Attendees should not be expected to read your full presentation. Use your slides to reinforce the main points of your presentation
- **Fonts:** We recommend using standard fonts included in Microsoft Office or Google fonts. Use of specialised fonts may cause errors in the presentation layout and format
- **Font Size:** Recommended size
 - *Headings:* 40 – 44pt
 - *Body text:* 28 – 32pt (minimum size 20)
- **Sample slide layout**

Here is a sample slide (44pt)

- 6 – 7 lines of text (24 – 32pt)
- What to think about?
 - Keep it simple
 - Larger text is easier to read
 - Short statements rather than sentences
- Are my slides visible from the back of the room?
- That's all folks!



MINE ELECTRICAL SAFETY
QLD CONFERENCE 2024

Presenting at the Conference:

- Make sure to check in with the audio-visual technician to ensure your slides are working properly and the latest version has been loaded to the conference technical system
- We encourage presenters to engage directly with the audience and not to read from your slides

Post Conference:

- Your PowerPoint slides will be provided for the presentation slides to be used and published (in PDF format) by MESC Qld 2024 including being provided to all attendees of MESC Qld 2024 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 (this cannot be an organisation or product brochure)