



## Mining Electrical Maintenance & Safety Association [MEMSA]

### About Mining Electrical Maintenance & Safety Association [M.E.M.S.A.]

**MEMSA was first founded as the organization known for fifty four years as OPMA, the Open Pit Mining Association.**

**Roots** In 1945 by a group of electrical mining employees in a the Midwest area known for it's surface coal joined together to trade knowledge and ideas relative to their work in the mining industry. This original group of men and women miners with an electrical interest has grown through the years to include mine electricians, electrical supervisors, and electrical engineers from a diverse spectrum of mining interests including coal, phosphate, aggregates, and potash and hard rock minerals.



**Breadth** Electrical suppliers, utilities, service and repair shops, machine and power cable manufacturers, universities and other support groups of the mining industry have joined with this organization to provide a leading forum for electrical leaders of the mining industry .

**In 1999 the Mining Electrical Maintenance & Safety Association, MEMSA,** was formed from the Open Pit Mining Association was renamed to better meet the needs of it's members in an often rapidly changing industry.

**Mission** MEMSA Mission and focus is to advance practical standards of applied electricity and maintenance within the mining industry, and to promote safe practices for protection of operating personnel and equipment by providing a forum for miners with an electrical interest.



**Membership** is open to everyone involved in mining in North America and

throughout the world.

### Annual Technical and Safety Symposium and Meeting

**The annual technical and safety symposium** provides a high-impact opportunity for miners to sharpen their skills and communication within the industry. The meeting is divided into 2 portions.

The 1<sup>st</sup> day workshop session or sessions offer a hands-on intensive session with lots of opportunity for discussion and interaction. Such topics as dragline control adjustments, synchronous motor control, and machine maintenance have been covered.

The 2<sup>nd</sup> day provides presentations in a more lecture – format. Many interesting and useful topics are presented and question and answer sessions follow each presentation.

Selecting the papers and workshops follow the MEMSA vision and purposes, which have been part of its core values since its founding over 70 years ago.

#### 2017 MEMSA Symposium And Hands-On Training

**September 6-7, 2017**

Sheraton Sand Key  
Clearwater Beach FL

For Details, please Visit  
[www.miningelectrical.org](http://www.miningelectrical.org)

### MEMSA: Networking and Sharing Knowledge



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**Electrical Safety** is a high priority mining issue as mining moves forward with new and more complex issues to face. MEMSA has adopted electrical safety as a one of the key focuses in the organization. Every MEMSA function and meeting will involve electrical safety as a part of the agenda.

**People Networking** is very important in a changing environment, and MEMSA allows miners of electrical interest to meet and exchange ideas for their common good through with an annual meeting, technical symposium, and other communication.



### **Sharing Knowledge about**

**mining** always can help improve one's professional career as well as improve their company's bottom line. MEMSA will provide a forum for this exchange.

**New Electrical Technology in Mining** is advancing rapidly and MEMSA will aide miners in keeping abreast of new developments on a practical level through its networking and annual technical symposium.



**Electrical Maintenance in the mine environment** is difficult in the best of times. Often knowing who to ask and where to get the right information is vital to a person with maintenance responsibility and MEMSA will provide the venue through it's technical symposium and people networking

### **Example MEMSA Technical Symposium Papers**

The technical symposium, held annually, provides useful information for our mining members. Below is a sample list of such papers from the past few years.

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|--|--|
| 2009-Circuit-Breaker-Maintenance                 | 2013 Selecting-Mining-Process-Motor-Controls   |
| 2010-SAFETY: 10 DumbThings Smart People Do       | 2014--8-Future-of-LED-Lighting-In-Surface-Mining   |
| 2010-Sync-Motor-Excitation-TMEIC                 | 2014-11-Preventing-Electrocutions-&-Injury-with-Industrial-GFCIs   |
| 2011 Mosaic-Contactor-Safety                     | 2015 Mine Safety Production Improvement Using LIDAR flyer to represent MEMSA this could go a long way in promoting attendance at our annual meetings |
| 2013 Bearing-Pre-Lube-System                     | 2015 Lock Out Tag Out Safety & Methods   |
| 2013 Simple-Approach-to-Carbon-Brushes           | 2015 Understanding Standard & Hazards of arc flash   |
| 2015 Loop Unbalance & Setting Electrical Neutral |  |

**Attendance and participation in MEMSA is a good investment!**

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