

## **WMEA DENVER May 29-31, 2013**

### **Group 7... Leader Joshua McLaughlin**

1 Joshua McLaughlin	Buckskin Coal	
2 Gus Rubin	North American Coal	
3 Larry Swanson	Road Machinery	Phoenix Arizona
4 Chris Christopher	Trapper Mine	
5 Brian Harris	Line Power	
6 Tony Egbert	Westmoreland Coal	Sarpy Creek Mine
7 Kevin Tielman	Mersen	

### **Safety Items:**

Josh: Full load current rated disconnects (plugs)  
plug can't be open until power is off  
Safety plug not very user friendly

FR rated clothing / reflective  
- when is it more of a hazard  
- is it easier to kill power  
- controls out of arc range – remote area

Cell Phones

### **New Innovations and Technology:**

Brian Harris: Line Power – magnetic VCB

Compact in size - small control box can be mounted anywhere. Less moveable parts. Control buttons work from remote area out of arc flash range

Kevin Tielman: Mersen – Profiler – mounts in brush box / magnetic connection – USB comm. slow speed – ruby tip. Can measure while motor is in use at slow speeds – been out for three years.

### **Problems and Solutions:**

Chris – Trapper Mine: Brushes at cold temperatures -10 degrees F  
Solution: move machine further South

### **Future Meeting Topics:**

LED Lights / is it where we are headed  
Fluke Thermography  
Fiber Optics

### **Future locations:**

Las Vegas