



**Commonwealth  
Electric Company**  
of the Midwest

## Meeting the Demands of our Mining Customers Material Processing Facilities:

We have a deep understanding and respect for our NE, IA, & AZ Mining industry customers. We are proud to provide our professional electrical, data communication, and automation services to our Mining customers.



## Automation & Control Services and Capabilities:

- Low voltage control panels
- HVAC/Air handling fan panels
- Programming
- Combination motor starter panels
- Heater control panels
- Testing station for I/O efficiency
- Disconnect panels
- Custom VFD packaging
- Dependable on-site support
- Explosion proof panels
- SCADA Systems
- Custom & standard enclosures
- PLC panels
- HMI - Human Machine Interface
- Troubleshooting/System support
- Customized MCC's
- Machinery control packages
- Numerous wire labeling options

### MSHA Part 48



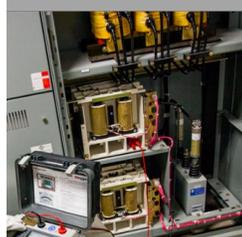
### MSHA Part 46



## ADDITIONAL SERVICES WE OFFER:

### PREVENTATIVE MAINTENANCE:

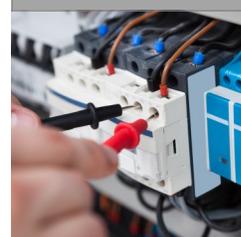
#### CIRCUIT BREAKER TESTING



#### INFRARED TESTING



#### CABLE TESTING



#### TRANSFORMER TESTING



### SERVICE & MAINTENANCE:

#### HIGH REACH WORK



#### TRAFFIC SIGNS & SIGNALS



#### TRENCH & UNDERGROUND

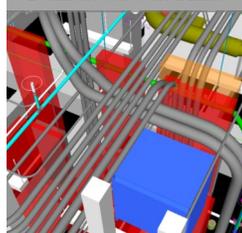


#### TEMPORARY POWER



### ENGINEERING & DESIGN SERVICES:

#### BUILDING INFO MODELING



#### ARC FLASH ANALYSIS



#### POWER QUALITY ANALYSIS



#### SHORT CIRCUIT STUDIES



**Committed to Excellence | Customers, Employees, Character, Mastery**

Columbus | Des Moines | Grand Island | Kearney | Lincoln | Omaha | Phoenix | Tucson