



The safest and most trusted company in the industry



ELECTRICAL SERVICES

RAM Electrical provides new installations and upgrades of Process and Underground turn-key Motor Control Centers, PLC Integration, Instrumentation, Low Voltage Solutions, Medium and High Voltage Terminations, Troubleshooting and Emergency Service Calls

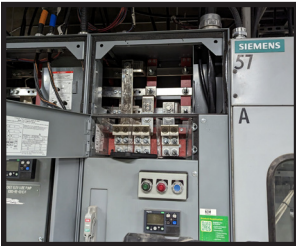


RAM's Electrical Journeymen and E&I technicians are specially trained to meet all of your industrial and commercial needs



Instrumentation

- Level, Pressure, and Flow Switching
- Density and Weight detectors/calibration
- VFD control cabinets and PLC panels
- Belt scale calibration



Preventative Maintenance Specialists

- Back-up power system design
- Distribution to Generation Systems
- MSHA annual ground testing
- Electrical system audits
- Safety and regulatory compliance inspections



Electrical System Planning

- Load flow and short circuit studies
- Electrical and instrumentation system design
- Energy analysis & conservation studies
- Electrical project feasibility studies
- Safety and code compliance studies



Communication

- Fiber optic lines/control systems
- Radio Communication systems
- Radio Towers and Data Lines
- Underground Communication systems



Motor Control Centers

- Low and Medium voltage switch gear services
- Motor control system design and troubleshooting
- VFD (variable frequency drive) installations and services
- Bucket replacement and installation



At RAM Enterprise, our commitment to safety is based on our vision to create a working environment that places the highest value on the welfare of the individual, while fostering a sense of ownership and expecting quality and excellence in all aspects of our business.

RAM's specialized industrial electricians are trained to be compliant with OSHA or MSHA regulations

Programmable Logic Controllers

- PLC Integrations
- PLC system specification including layout, design, programming and web-enabled control and monitoring
- PLC monitor training



Troubleshooting & Emergency Call-Outs

- Establish an Emergency Outage protocol and bring your site back online safely and efficiently
- Prevent In-Rush/ and surges from damaging critical equipment
- Shut down and Start Up procedures and assistance
- Overload Protection
- Assistance with establishing temporary power systems



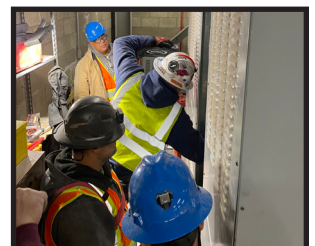
Special Equipment Installations

- Solar PV installations
- Process Equipment; Roasters, Mills, Autoclaves, Laboratories, Crushing & Conveyor Equipment
- UPS System Design and Installation
- Specialty Access Systems; Badges, Security Systems, Gates, Card Readers, Air Doors



Manpower Support

- Outage Support Services
- Assist on Special Projects, Capital and Operations
- Augment manpower while ramping up hiring
- Temporary labor to catch up to schedule



Safety

RAM is dedicated to the safety of our employees, customers, contractors and sites.

- On-boarding with dedicated Safety Training and Site Specific Training
- Systematic Safety Audit Program
- RAM culture is open and honest about near misses and incidents
- Safety Communication and tailgate shares keep workers informed
- Safety spends time in the field, at work locations



We provide specialized industrial construction services.

RAM INDUSTRIAL
CONSTRUCTION



Fixed Maintenance Services

- Outage Work Including Manpower Support OR Fixed Maintenance Embedded Labor and Manpower Support
- Replacement Process Piping (Steel, HDPE, Polymer)
- Dismantling Projects
- Ball Mill and Sag Mill Linings
- Crusher Support - Rebuilds
- Pump Rebuilds
- Feed Chute and Discharge Repair

Conveyor Solutions

- Pulley Repair & Return & On-site Pulley Relagging
- Belt Vulcanization & Installations
- Conveyor Component Installations
- Chute Redesign and Installation
- Belt Training and Tracking Services
- Inspection and Maintenance Services

Linings & Coatings

- Rubber Linings
- Polymer Linings and Coatings
- Coatings For Primary and Secondary Containment

IMTECH® A RAM Solution RUBBER PRODUCTS

- Pulley Lagging
- Sheet Rubber
- Canoe Liners
- Splice Kits
- Profile Liners
- Custom Molded Parts

Industrial Construction Services

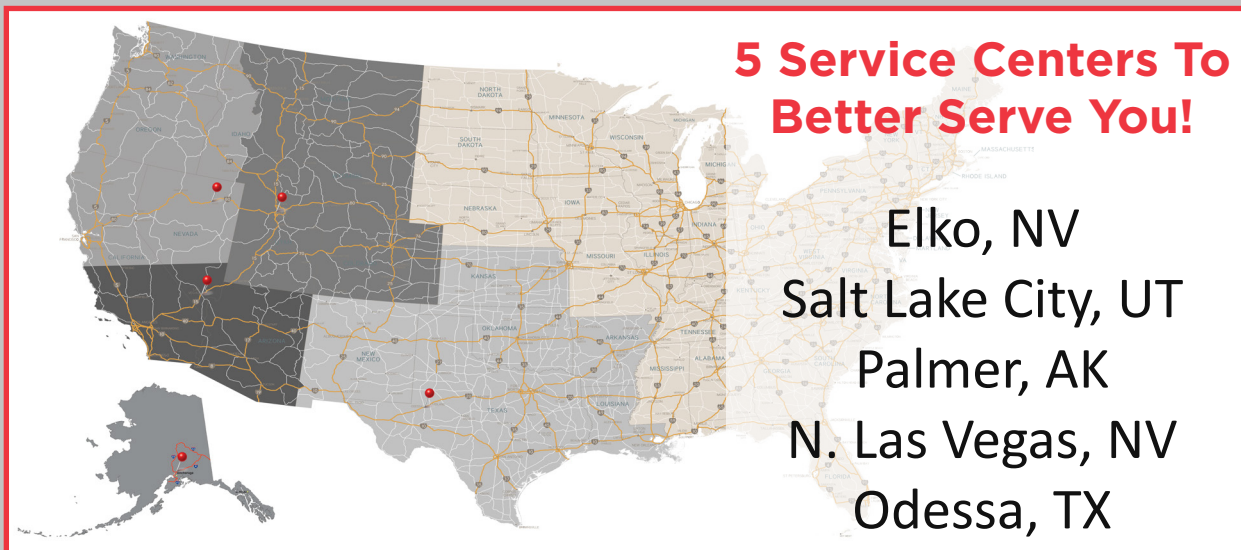
- New Industrial Construction, Design/Build
- Structural Additions To Existing Facilities
- Concrete Foundations and Flat Work
- Structural Conveyor System Installations
- Process Piping Fabrication and Installation
- Construction Of Tanks, Pipes, Leach Pads
- Ventilation Fan System Installations

Underground Services

- Structural Steel Installation
- Portal Development With Steel Set Installations and High Wall Stabilization
- Embedded Labor and Manpower Support
- Escapeway, Ventilation And Ore Pass Can Fabrication and Installation
- Ventilation Controls; Fans, Air Doors and Bulkhead Design, Build and Install
- Process Piping & Distribution; All Utilities
- Ground Control Rehab; Bolter and Jackleg

Electrical Services

- Industrial Electrical For New Construction, Equipment Installations And Commissioning
- Troubleshooting; Inspection and Repair
- Motor Control Centers / PLC Programming / Drives and VFP Programing
- Underground Electrical Installation
- Low and Medium Switch Gear Services
- Leaky Feeder, Mine Communications, Access Control
- Surface & Underground Manpower Support
- Grounding systems and Lightning Protection



5 Service Centers To Better Serve You!

Elko, NV
Salt Lake City, UT
Palmer, AK
N. Las Vegas, NV
Odessa, TX



For more information contact the **RAM Customer Service Team**
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