



PROVEN PARTNER IN TECHNOLOGY

Our Mission Statement

AMR PEMCO is a leader in reliable communications, monitoring, safety and control products for industry. Our effective and affordable solutions enhance productivity while making the workplace safer.

Our AMR PEMCO Head Office located in Rocky Gap, Virginia USA

In 1975, Robert (Bob) Graf founded American Mine Research, Inc. (AMR) to support the U.S. coal mining industry's need for enhanced safety and productivity through the development of the pilotless ground check monitor.

Located in Rocky Gap, VA, AMR has since sold over 50,000 circuits of the pilotless monitor throughout the world.



AMR fully acquired PEMCO in November 2016

120,000 ft² + manufacturing space

10,000 ft² office space



5, 10, and 20 ton overhead
crane lifting capacity

80 & 30 Ton RTG Cranes

HV Testing Facility

Metal Forming, Welding
& Fabrication

Two Paint Booths (Both Dry
Powder & Liquid)

Dry-type Transformer
manufacturing

Dry Transformer Rebuilds

Electrical Assembly Shop

Sister Companies

East River Metals, est. 1979

Metal Fabrication services



Custom Manufacturing Services, est. 1995

Metal Fabrication and Electro-Mechanical
Contract
Manufacturing
Powder Painting



Together they provide:

Turn-key solutions from design to production

Metal Punching & Laser Cutting

Metal Forming and Bending

Manual and Robotic Welding

Hardware Insertion and Finishing

Machining and Painting

Electro-Mechanical Assembly

Cable, Harness & PCB Assembly



Codes and Certifications



American
Welding Society



Clients and Customers



Company History



- 1960 – PEMCO founded to provide DC Power Supplies, Rectifiers, and AC/DC products for the U.S. Coal Industry
- 1975 – AMR founded by Mr. Robert Graf and his idea for the “pilotless” continuity-type ground monitors
- 1979 – ERM established to support AMR and diversify the group into sheet metal fabrication services
- 1990 – PEMCO launched manufacturing of industrial buildings for large global OEM’s
- 1995 – CMS founded to target mid-to-large contract manufacturing projects and is ISO certified with ERM
- 1996 – PEMCO Entered the custom transformer and magnetics markets
- 2002 – PEMCO passed 1000+ industrial buildings shipped to major global corporations
- 2009 – PEMCO entered Transit and DC traction Markets
- 2011 – AMR obtains UL508A rating, and PEMCO introduces Deposit on Base Enclosures to the data center industry
- 2016 – AMR acquires PEMCO Corporation
- 2019 – Achieved ISO 9001 Certification



AMR PEMCO has the capabilities to provide electronic monitoring, controls, communications, tracking, and collision avoidance systems as well as industrial buildings, circuit breakers, dry-type transformers, and automation integration; Electrical, Mechanical, Transformer, Software, and Automation Engineering to help you with your next project.

Industrial & Control Buildings (ICB) and Equipment Enclosures

Complete skid mounted systems including Switchgear, AC & DC Drives, Transformers and Control Systems

Complete skid mounted power centers and substations

Skid mounted portable substations

Custom designed Dry-Type Transformers up to 10 MVA and 35kV class

Specialty magnetics for custom applications including reactors, inductors, and rectifier duty transformers

Dry-Type Transformer Rebuild options for both In-House and On-Site applications.



Power Distribution Buildings

Designed for custom installations and site conditions

All steel and SS construction, Mild, Galvannealed

Custom and specialized HVAC and ventilation systems

Auxiliary components such as steps, platforms, railings and mezzanines

On site assistance during installation is available.



Underground Power Centers

Flexible and reliable mechanical designs to meet special dimensional requirements

We manufacture all major power center components, including transformer, ground monitors, and low voltage couplers providing greater quality control and shorter delivery cycle



Dry Type Transformers

100 to 10,000 KVA

Primaries Voltages up to 25 kV

Meets all IEEE Standards

UL approved Varnish and VPI System

Drive Rated, Rectifier Duty, Excitation and
Static Start applications

Custom Enclosure and packaging options

Transformer Rebuilds

Guaranteed fit and re-connection to existing gear

Environmentally friendly and cost effective

No matter the style of winding, we are able to
provide new coils

By rebuilding your existing transformer, it gives
the guarantee of an exact fit for reconnection

AMR PEMCO's coil construction is of a barrel
design, giving a smooth vertical surface

On-site Rebuilds available



Custom Panels

Turn Key Solutions

Custom enclosure design
and manufacturing

CSA/UL/CE

Certifications available

Power and control panels

Custom 3D copper bus bar
design and fabrication

Breaker Cabinets

PLC, Drives and Control



Skid Mounted Solutions

Substation and Power Centers for
underground and surface use

Custom enclosure design and
manufacturing

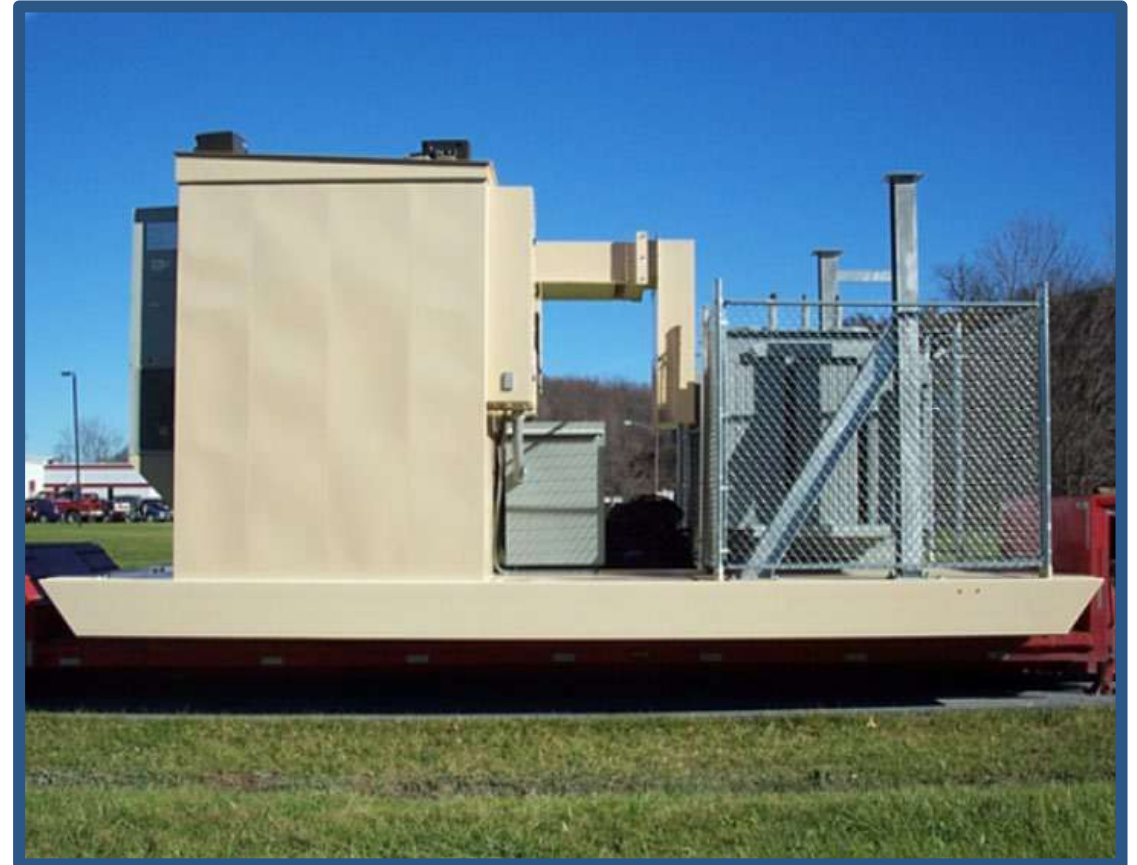
Complies with all MSHA requirements

Ground Monitoring devices

For use with primaries up to 18 kv

Multiple secondary

PLC, Drives and Control





Deposit on Base Enclosures

Designed to be placed over existing equipment on a concrete pad or other foundation

Minimal on-site assembly required

Mild, Stainless, and Galvannealed steel construction available





MC – 6410 Multi-Gas Monitor

Up to 4 gas types in a single unit

Compatible with AMR systems or Stand-Alone

Each sensor calibrated independently

WIFI Access Points

Wi-Fi Carbon Monoxide (CO) Sensors

Battery life – 3 months

Up to 1500 feet distance between AP's

Configurable warning and alarm setpoints

Historical trending for CO, temperature and voltage

Ground Check Monitors

Ground Monitors continuously verify the integrity of the AC ground wire in heavy equipment trailing cables, and transmission lines between electrical distribution stations.

Since 1975, AMR PEMCO has been a pioneer in ground monitor design and sold over 50,000 circuits worldwide.

We offer pilotless and impedance style pilot wire versions for low to high voltage circuits up to 25KV.



FISH – NET Monitoring System

An outdoor monitoring platform

Determines Dissolved Oxygen (DO) content and temperature levels in ponds, lakes, tanks, or other bodies of fresh and salt water

Capable of monitoring either a single body of water, or 2 simultaneously

Each Unit utilizes real-time DO and temperature data to control up to 8 outputs for aerators & motor amp monitoring.



- Industrial & Control Buildings (ICB) and Equipment Enclosures including HVAC systems and design, installation and integration of all types of electrical equipment
- Complete skid mounted systems including Switchgear, AC & DC Drives, Transformers and Control Systems
- Complete skid mounted power centers and substations for harsh duty applications
- Custom designed Dry Type Transformers up to 10 MVA and 25kV class.
- Specialty magnetics for custom applications including reactors, inductors, and rectifier duty transformers
- UL and CSA Certified Control Panels with custom enclosure design and fabrication
- 3D modeling capabilities for all enclosures and bus assemblies.
- Electrical, Mechanical and Transformer Engineering

