



# ***AMR* PEMCO**

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PROVEN PARTNER IN TECHNOLOGY

[WWW.AMRPEMCO.COM](http://WWW.AMRPEMCO.COM)

# Corporate Overview



- AMR PEMCO and sister companies operate to provide electronic monitoring, controls, communications, tracking, and collision avoidance systems as well as industrial buildings, circuit breakers, dry-type transformers, and automation integration.
- Markets served include global mining, aggregates, tunneling, power generation, utilities, transit, nuclear, water/wastewater, and general industry.
- Primary sales in the U.S., Canada, Mexico, India, South Africa, and South America with sales in many other countries around the world.

AMR est. 1975



ERM est. 1979



CMS est. 1995



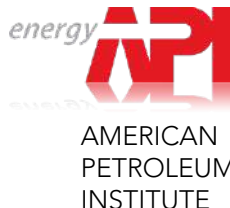
PEMCO est. 1960 - Acquired in 2016



# Delivering Projects Worldwide



# Codes and Certifications



# Experience With Popular Brands



GE Infrastructure  
Water & Process Technologies





# Clients and Customers



***NORTHROP GRUMMAN***

**Balfour Beatty**



**TMEiC**



**Rockwell  
Automation**



# Core Capabilities



- 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 4 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



# Landfill Solutions



AMR PEMCO brings decades of atmospheric gas and electronic instrumentation knowledge and experience to the landfill sector to improve safety and operational efficiency. Our products meet and exceed regulatory requirements for hazardous locations to provide vital information on a daily basis for any size operation. Common applications include methane wells, natural gas pipelines or vents, processing stations, storage tanks, and production facilities.

AMR PEMCO is dedicated to providing customers with products that achieve results, improve employee safety, reduce operating costs and shorten downtime. Our distributor network, combined with our highly trained sales, engineering, and service departments, are ready to assist customers around the clock.





# LANDFILL INDUSTRY PRODUCT SOLUTIONS

# E-Houses and Control Buildings



## Industrial Control Buildings

- ▣ Custom Control Panels, Copper Bus Assemblies, Termination Compartments, and other accessories available
- ▣ E-Houses, Deposit on Base Enclosures (DOBE), skid-mounted, and other styles
- ▣ Mild, stainless, and galvanized steel construction available
- ▣ Complete installation and electrical integration of all equipment
- ▣ Installation to NEC guidelines for acceptable work practices and clearances
- ▣ Engineering services for electrical integration



# Electrical Distribution Equipment



## 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

## Custom Electrical Equipment

- Industrial & Control Buildings (ICBs) and equipment enclosures including HVAC systems and design, installation and integration of all types of electrical equipment

## Specialty Magnetics

- Custom applications including reactors, inductors, and rectifier duty transformers



# MC-6410 Multi Gas Monitor



- Monitor multiple unique gases simultaneously
- Sensors available include: CO, CO<sub>2</sub>, CH<sub>4</sub>, O<sub>2</sub>, NO, NO<sub>2</sub>, H<sub>2</sub>, H<sub>2</sub>S, SO<sub>2</sub> and others
- Diesel Nullifying available using NO and CO sensors
- Calibration data, including last calibration date\*, stored in each individual sensor module
- No tools required for sensor module replacement
- Automatic detection of installed sensors
- Automatic date & time synchronization (Wi-Fi Only)
- NETWORK INTERFACE OPTIONS:
  - IEEE 802.11 Wi-Fi
  - Radio module for AMR Mine Net™ System
  - RS485 for AMR MC-4000 or other control systems
  - 4-20mA Current Loop
- MSHA Intrinsically Safe Approval # 18-A130001



# MC-6500-CH<sub>4</sub> Methane Analyzer



The MC-6500 Natural Gas Monitor provides full scale, real-time Methane monitoring in natural gas pipelines. Using the latest in sensor technology, the monitor specifically detects the methane content by minimizing the effects of other hydrocarbons present in natural gas streams, while compensating for the shifts caused by temperature and Carbon Dioxide.

- 0 – 100% Full Range Methane
- Targets Methane By Ignoring Other Hydrocarbons
- Temperature and CO<sub>2</sub> Compensated
- Easy “Smart” Calibration
- Internal, Self-Adjusting Flow Meter
- Current Loop Output or Modbus Data
- Explosion Proof Enclosure with Viewing Window
- 3/8" Process Fittings (Others by request)





# Remote Telemetry



- AMR PEMCO is an authorized distributor for High Tide Technologies, a US-based technology company. High Tide offers a complete, but simple, SCADA solution utilizing Remote Telemetry Units (RTU's) via satellite or cellular.
- TelemetryVIEW enables easy access to information about remote equipment run times, electrical consumption, flow rates, tank levels, and more.
- Applications include:
  - Grinder Pump Status
  - Simple Alarm Systems
  - Remote Storage or Water Tanks
  - Field Instrumentation Monitoring
  - Managing Treatment Plants
  - Ventilation Fan Monitoring
  - Natural Gas Wells and Compressor Stations





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