



Our unmatched experience in mechanical insulation helps protect your infrastructure investments by reducing energy consumption, noise levels, and condensation. It protects personnel and improves process control and productivity through mechanical and equipment efficiencies and longer life cycles. Let our certified I-STAR™ Energy Appraisal technicians and expert insulation contractors remove many of the obstacles to better productivity and improved operations.

Mechanical Insulation Services:

- Acoustic Insulation
- Pre-Fabricated Panel Systems
- Certified Energy Assessments
- Consulting Services
- Insulation Maintenance
- Insulation Material Sales
- Planned Outages & Turnarounds
- Removable Insulation Blankets
- Sheet Metal Lagging
- Specialized Fabrication
- Thermal Insulation Systems

Industry Segments:

- Commercial
- Cryogenic
- Industrial
- Petrochemical
- Pharmaceutical
- Power Generation & Transmission

Contact Advanced Industrial Services and let our team of experts develop a plan specific to your facility and needs.

Midland, MI 989-486-8457 | Columbus, OH 614-430-9704 | Marietta, OH 614-430-9704
Toledo, OH 419-661-8522 | Nashville, TN 615-740-0810

AdvancedIndustrialServices.com



The full-service specialty contractor that's up to your most demanding challenge.

Advanced Industrial Services

Whether you're looking for applied fireproofing or the application or removal of industrial coatings and linings, Advanced Industrial Services have an extremely experienced workforce in place to finish the job to your exacting standards.

Intumescent & Cementitious Fireproofing

Fire protection materials are designed to safeguard the structural integrity of steel under intense fire conditions and to maintain safe temperatures for a specific period of time.

Abrasive Blasting

Our expert technicians have the ability and equipment to perform either wet or dry abrasive blasting in one of our state-of-the-art, environmentally controlled industrial booths or at your project site.

Industrial Coatings & Linings

We provide the application of internal linings and external coatings for tanks, pipe, structural steel, exchangers, vessels, and other equipment of any size. These coatings and linings provide critical protection against corrosive chemicals and products used in the petrochemical industry and other industrial processes.

Painting

Whether you're in the manufacturing, power generation or petrochemical markets, we have the requisite experience specializing in challenging painting projects. On-site and in our shops, we bring skill and dedication to each job . . . large or small.

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Advanced Industrial Services specializes in the installation of UL-classified and FM-approved firestop systems. When you choose us, you're selecting a premier installer of passive fire protection systems for MEP penetrations, fire resistive joints and fire rated wrap and enclosure systems.

Penetration Firestop Systems

Advanced Industrial Services supplies and installs MEP penetration firestop systems for pipe, duct, conduit, wire, cable, cable tray, busway and various steel penetrants (beam, joist, truss, rod, support, etc).

Fire Resistive Joint Systems

The protection of static and dynamic joints in the building environment is critical to maintaining life safety. Our team will identify and our craftsmen install the right system for head of wall and foot of wall openings and the perimeter gap (slab edge) between concrete decks and the building's exterior skin.

Slab Edge/Curtain Wall

Our personnel are highly trained and skilled in the installation of friction fit and mechanically fastened curtain wall insulation, as well as mullion cover systems.

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Through our vast experience in installing acoustic insulation panels and sound-absorbing jacketing, Advanced Industrial Services can provide noise control solutions ranging from industrial power plants to the smallest of construction projects.

Acoustic Insulation Panels

For noise control purposes, Advanced Industrial Services can customize our product line to outfit any structure with specialized acoustic panels consisting of various sound absorbing materials specifically designed to meet your unique sound reduction requirements. Our panel systems enhance a building's aesthetic appeal while absorbing sound in the loudest environments and limiting migration into the environment.

Sound-Absorbing Jacketing

Advanced Industrial Services offers varying types of flexible, sound-absorbing, and custom fabricated jackets designed for equipment and machinery with complex geometries and demanding decibel reduction requirements, with or without additional thermal requirements. Examples include turbines, combustion ducts, fans, pumps, blowers, compressors, and exhaust systems. The flexible jacket, fabricated from weather and corrosion resistant, non-combustible composite materials, distributes sound waves to a sound absorption layer that measurably reduces the level of noise in order to reduce decibel levels to acceptable limits.

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Advanced Industrial Services' I-STAR Energy Appraisal Program uses the latest technology, including infrared/digital imaging and our state-of-the-art proprietary energy appraisal software, to quantify heat loss emanating from your mechanical systems and building envelope. Our NIA-certified and BPI-certified technicians use the resulting data to calculate energy savings and reductions in greenhouse gas emissions to determine the optimum course of remediation. With Return on Investment (ROI) averaging less than two years, our services will provide you the quickest, most cost-effective solutions to your energy management challenges.

Failed steam traps are one of the largest problems facing building maintenance today. When steam traps fail, large amounts of energy are unnecessarily consumed and your system works harder to try and maintain temperature and pressure. Advanced Industrial Services provides a solution with the installation of Smart Sensors. Smart Sensors integrate wireless sensors with highly efficient insulation to monitor your steam traps and provides early notice of failure to save time, money and possible interruptions of service. With Smart Sensors installed on your steam system, you will have constant access to steam component health information and reports highlighting your total energy savings.

Services:

- Mechanical Insulation Assessment
- Blower Door Testing
- Airborne Ultrasonic Testing
- Building Envelope Assessment
- Certified Infrared Analysis
- Scope Development
- Smart Sensors
- Steam Trap Evaluation

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Advanced Industrial Services has vast experience in the successful completion of asbestos and lead abatement, mold remediation, and hazardous chemical clean-up projects. We understand all the risks involved in environmental remediation projects and can deliver a well-planned, cost-efficient solution to one of the most risky and costly portions of many projects.

Asbestos Abatement

Advanced Industrial Services is a fully licensed asbestos abatement contractor. Not only do we have comprehensive knowledge, we far exceed all rules and regulations enforced at the local, state, and federal levels. Our state-of-the-art equipment and excellent safety record enable us to perform any size abatement project from small glovebag jobs to negative pressure enclosures of any size. In addition, our labor force keeps up-to-date with licensing, physicals and training to ensure rapid response to any of our customer's needs with maximum efficiency.

Lead Abatement

Our personnel are fully trained to remove and dispose of lead containing materials. We use state-of-the-art technology and equipment and all of our procedures meet or exceed EPA & OSHA requirements. We specialize in many forms of lead abatement: Vacuum Blasting, Mechanical Abrasion, Chemical Strip, Encapsulation, and Removal/Replacement.

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Our team is recognized as being safe, knowledgeable, and experts at installing a wide array of scaffold systems. From design and full project management to expert erection/dismantling and reliable equipment, you can count on us to provide comprehensive solutions to fit your access needs.

Scaffolding Types & Other Services:

- System Scaffolds
- Suspended Scaffolds
- Frame Scaffolds
- Rolling Scaffold Towers
- Material & Personnel Hoists
- Fall Protection Systems
- Sidewalk Bridges
- Wrap Enclosures
- Netting
- Debris Chutes

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A photograph of an industrial facility. A worker in a hard hat and safety vest is standing on a lift platform, working on a complex structure of pipes and metal beams. In the background, there is a tall, silver cylindrical chimney and a large industrial building with a corrugated metal roof. The sky is clear and blue.

**Advanced
Industrial Services**

Advanced Industrial Services understands that when planning turnarounds and outages, every second spent not working is money wasted. Our planning expertise, highly-skilled and trained personnel, exemplary safety record, and sophisticated cost control management systems will optimize your downtime by tracking production, reducing costs, and shortening outage duration to help the long-term efficiency and durability of your facility.

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