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800-347-4813
Mansfield Industrial is a world-class provider of industrial coatings, insulation, fireproofing, industrial cleaning and roofing services. Using leading-edge technologies, our employees deliver safe, high-quality and cost competitive solutions, assuring client satisfaction and on-time completion. With over 35 years of industrial experience, we can handle the most challenging projects, regardless of their location, complexity or material requirements.

Taking best practice and innovative ideas from our diversified market experience and incorporating them into our work processes allows for customized performance, rather than a one size fits all approach. Many of our clients have realized significant savings from our unique blend of "bundled" services and multi-skill labor practices that eliminate redundancy through consolidation of contract services.

**Safety**
Safety is our competitive edge. We are committed to providing a safe work environment for our people and our customers. Mansfield Industrial invests heavily in training and proactive monitoring of performance to assure a safe work place. We have an excellent operating safety record, unsurpassed in our industry.

**Customer Satisfaction**
At Mansfield Industrial, customer satisfaction is a top priority. To meet that goal we are dedicated to executing our work safely while consistently meeting customer expectation in quality, cost and schedule. Mansfield Industrial is firmly committed to supplying our customers with the most competent, value driven solutions in the industry.

**Financial Performance**
The company is financially solid and fully insured. We seek to move toward true partnership with key customers through performance-based alliance agreements. We provide superior value and lowest total cost through innovation and application.

**Personal Development**
Mansfield Industrial prides itself on employee recruiting, retention and training. People are our key to success. Through extensive training and development, we create sustainable growth opportunities for our people.

Mansfield Industrial preserves and maintains client assets. In today’s pursuit of optimum performance, our objective is to provide total asset protection, without compromising quality or the health and safety of employees.

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We are proud to be a part of an exclusive group that is SSPC-QP1 and SSPC-QP2 certified by the Society for Protective Coatings.
Mansfield Industrial is committed to safeguarding the health of our employees, providing a safe work environment and to supplying our customers with the highest quality services possible. At Mansfield Industrial our highest priority is to foster a culture that instills a sense of pride and duty to protect the health and welfare of every employee, and everyone we associate with, during the course of our business activities.

Training is the foundation of our Safety, Environment and Health process. Management at all levels must demonstrate leadership in teaching employees the attitude, technical knowledge and behavioral expectations required to keep them safe during performance of the work. Every employee is trained to be observant and opportunist - to identify, evaluate and take action to prevent unsafe acts or conditions.

Providing safe and environmentally sound construction services must begin with a proactive approach to identifying hazards and mitigating risk. To that end, there are two valuable processes in our ES&H program that we use to manage risk and protect people and assets.

1) The **Job Hazard & Risk Analysis** (JHRA) is a proactive tool that is implemented prior to start of work. It is used by each work crew to identify the work steps and associated hazards, and the methods set in place to eliminate or control the hazards. The JHRA is a “mandatory” element of our work process and is considered the cornerstone of our safety program.

2) The **K2 Audit Risk Rating System** (KARRS) is used as a key observation tool during performance of the work. The objective is to continuously evaluate the level of risk our work presents and confirm that safe behaviors and safe conditions are being maintained. Key ES&H “Performance Indicators” are measured by the KARRS Program with feedback provided by the reporting metrics. All employees are held accountable for working safely, within established KARRS risk tolerance levels.
Mansfield Industrial is one of the leading providers of coatings services, providing everything from basic corrosion protection for exterior surfaces to high-performance coatings and linings for highly corrosive environments.

Mansfield Industrial and its personnel are SSPC and NACE certified. We are experienced and qualified to apply industrial coatings of all types from all major manufacturers.

**Applications Include**
- Vessel and Tank Linings: epoxy, vinyl ester, phenolics, elastomeric urethanes and others
- Secondary containment linings
- Thin film floor coatings
- Self-leveling and trowel-grade floor coating systems
- Architectural and decorative coatings
- Hi-Temperature paints

**Industries Serviced Nationwide**
- Power generation - fossil, nuclear, waste to energy and co-generation
- Chemical and Petro-chemical
- Food
- Tobacco
- Pharmaceutical
- Pulp and Paper
- Automotive
- Manufacturing
- Steel production
- Petroleum refining and distribution
- Aerospace
- Transportation
- Sewage and wastewater treatment
- Public projects

Experience

[Website Link](mansfieldindustrial.com)
Mansfield Industrial is the premier applicator for standard and specialized linings in North America, South America and the Caribbean. We are the certified/preferred applicator for numerous manufacturers.

**Lining Systems**

- Interior standard linings and coatings
- Specialized linings
- Plural component systems
- Fiberglass (matted and reinforced)
- Flake glass and phenolic polyester and vinylester epoxy
- Force cured applications
- Thin film
- Trowel applied and epoxy
- Polymer linings
- Secondary containment
- Food grade linings

**Typical Applications**

- Fuel Oil
- Diesel and Gasoline
- Chemicals
- Sewage and Wastewater
- Secondary Containment
- Potable Water
- Water Boxes
- Scrubbers
- Condensor Tubesheets

SSPC QP-1 & QP-2 Certified
Mansfield Industrial is a certified applicator for the following roofing manufacturers:

- Johns Manville
- Garland Corporation
- Tamko Roofing Products
- GAF
- U.S. Ply
- Soprema Roof Systems
- Seamon Corporation (Fibertite)
- Cooley Roofing Systems, Inc.
- Genflex Roofing
- Duralast Roofing, Inc.
- Firestone Corporation
- Architectural Metal Systems
- Fabral Metal Wall and Roof System
- Whirlwind Building Components

Roofing Systems and Services

- False Ceilings
- Roofing Asbestos Abatement
- Asphalt Built-Up Roofing
- Single Ply Roofing
- Metal Roofing
- Metal Siding
- Design and Build
- Roof Coating Applications
- Preventive Roof Maintenance Programs
- New Installations

Primary Industries Served

- Hospitals
- Power Plants
- Pulp and Paper Mills
- Chemical Plants
- Government Facilities
- Military
- Other Commercial Facilities

mansfieldindustrial.com
The primary function of the ENVIRO-SEAL temporary work platform and containment system is to give Mansfield Industrial’s maintenance crews a safe and isolated work platform from which to perform maintenance and repair work in overhead ceiling structures.

Our interlocking aluminum panels are secured to the roof support steel by hi-strength chains allowing our maintenance crews to work high above the operating equipment in a totally enclosed environment without interruption to the production process.

Rigid frame enclosures are custom designed and installed to make the transition between panels of different elevations, thereby assuring positive-sealing of the entire enclosure system during maintenance operations. All openings are sealed with a closed cell polyurethane foam to ensure a tight dust enclosure.

Working above the temporary platform, Mansfield Industrial crews are able to perform structural steel repairs or replacement, removal and replacement of roof systems and decking, and the surface preparation and application of protective coatings to the structural steel.

The ENVIRO-SEAL temporary work platform and containment system is a proven cost effective, SAFE method to accomplish maintenance work on-the-run.
Mansfield Industrial has been a leader in the development of safe, innovative and efficient lead abatement techniques. Mansfield Industrial is SSPC QP-2 certified for industrial hazardous paint removal. Our fully trained personnel provide proper containment, handling and disposal of waste material in the most challenging and complex situations.

Mansfield Industrial has unmatched ability to engineer and maintain proper containment, and handling of waste material while providing maximum protection for our employees.

- Over 20 million in lead abatement projects performed in the last 3 years
- Innovative containment designs
- Negative air work enclosures
- Portable decontamination facilities
- Trained and licensed supervisors and workers
- Personal and area air monitoring
- Soil and water sampling

Removal Methods Include
- Abrasive blasting
- Ultra high pressure water jetting
- Power tool
- Steel grit recycle system
- Vacuum blasting
- Chemical

Maximum Protection

mansfieldindustrial.com
Insulation

Thermal insulation is without a doubt the most cost-effective technology available today to conserve energy, save money and preserve the environment. Mansfield Industrial provides a wide range of insulation services for the industrial market.

Services Include

- Cryogenic and Thermal Applications
- Acoustical
- Fabrication and fitting of insulation jackets for all applications
- Scaffold erection
- Ceramic spray applications

Asbestos Abatement

Asbestos removal, surveys, sampling and encapsulation all in compliance with all federal, state and local guidelines.

Full documentation is provided for asbestos removal including

- Sample Analysis
- Air Monitoring
- Notification Forms
- Site Specific Plans

Energy Conservation
Mansfield Industrial offers a comprehensive turnkey labeling service that systematically provides equipment, process systems and manufacturing areas proper identification for improved productivity and safety.

The importance of an effective labeling program should not be underestimated. Missing, misleading or incorrect tags and labels have led many operations and maintenance personnel down the path of confusion, near miss or inappropriate action.

Even with the best effort at labeling during initial plant construction, further identification is needed after the plant has been in operation and additions and modifications have been made.

Existing plant labels, if they exist at all, are typically small metal tags, that have been embossed or stamped with identification characters. Common problems are inconsistent terminology, lack of contrast, small character height that is difficult to read, insufficient information to clearly describe the component or system and inconsistent placement of the marker.

Mansfield Industrial’s tagging and labeling service can be performed in conjunction with an ongoing protective coatings project or as an independent project. We make sure your project is done on time, to specification and within budget.

By implementing an effective labeling program in your plant you can reduce personnel contact with sensitive instrumentation and reduce costly human error caused by confusion over component and system identity.

**Labeling Services Include**
- Piping Systems
- Tanks and Vessels
- Hazardous Areas
- Safety Equipment
- Valves
- Electrical Components
- Instruments and Controls
- Penetrations

**Our Services Include**
- Assessing your needs
- In-plant inspections to determine detailed identification data
- Evaluating and processing the data
- Fabricating and installing all markers

[mansfieldindustrial.com](http://mansfieldindustrial.com)
Metallizing

Thermal Spray coating, also known as metallizing or metal spraying, deposits molten material on a work piece to form a protective coating. Four types of thermal spray coating processes commonly used are flame, electric arc, detonation and plasma spraying.

Metallizing Applications
• Corrosion protection for all types of steel structures and equipment
• Extending tube wall life of coal fired utility and chemical recovery boilers
• Condenser tubesheets and waterbox corrosion protection
• Anti skid coatings
• Erosion corrosion protection of carbon steel in wet steam environments

Advantages of Sprayed Metal Coatings
• Thermal sprayed coatings can be applied at temperature ranges from 0°F to 100°F.
• Sprayed metal is consistent in quality and purity and requires no curing time.
• The adhesion of thermal sprayed coatings to grit blasted steel is of a high order and enables the structure to withstand rough usage, without sacrificing the protection.

• The sacrificial action, particularly of Zinc, prevents steel from corroding at the edges and discontinuities may occur if the coatings are mechanically applied.

• Components or structures of any size may be metal sprayed and the coating thickness can be varied on different areas of the same structure, depending on the degree of protection required. There is no size limitation to the work piece as may be imposed in the hot dip galvanizing process.

• This further extends the over all life of the protective coating system and provides the desired aesthetics while maintaining the plant’s color coding.

• Thermal sprayed metal coatings provide an extended service life when compared to polymer-based paint systems. Sprayed metal systems have been in continuous service for over 40 years without degredation or required maintenance.

Metal Spray Coating Materials

Aluminum        Monel
Bronze Alloys    Nickel
Carbon Steel     Nickel Chrome
Chrome Steel     Stainless
Hastalloy        Zinc

800-347-4813
Mansfield Industrial owns and operates a fleet of vacuum trucks. Our fleet includes wet, dry and wet/dry vacuum trucks to handle your material movement needs for everything from water to heavy sludge. Whether your project involves routine maintenance or time-critical outage or turnaround activities, Mansfield Industrial will meet your needs in a manner that is safe and cost-effective.

Our fleet, with an average age of less than 3 years includes:

- Super Sucker
- King Vac
- Guzzler
- Vactor
- Cusco
- Gap Vacs
Hydroblasting and Ultra High Pressure

From surface cleaning at low pressures to cutting metal at 40,000 psi, Mansfield Industrial is a provider of safe, cost-effective and responsive hydroblasting services. Our equipment includes remotely operated hydroblasting equipment for use in virtually any environment. Using the classroom and a hands-on approach our technicians are fully trained before they get to your site.

High Pressure Technology

Ultra High Pressure (UHP) Cleaning, Hydroblasting and Pressure Washing
- NLB
- Uraca
- American Aero
- Butterworth
- Jet Edge
- Wheatley
- Flow
- Providing services at pressures of 10,000-20,000 and 40,000 psi

800-347-4813
The intent of deep cleaning is to remove all particles adhering loosely to the surface structure. The standards set for cleanliness match those used in hospital operating rooms and may include white-glove inspections. Mansfield Industrial has established itself as a leader in this field.

• Deep cleaning is used when the product being manufactured requires a dust free, and/or a dirt free environment.

• Deep cleaning refers to the intensive cleaning activity that takes place when building construction and equipment installation has been completed.

We offer a variety of services within the deep cleaning field that include:

**Process Deep Clean**
(New and Existing)
• Air Supply Houses
• Paint Spray Booths
• E-Coat and Phosphate Systems
• Industrial Ovens - All types
• Clean Rooms

**Building Structural Deep Clean**
(New and Existing)
• Decking
• Structural Steel
• Piping
• Duct-work
• Walls
• Perlings
• Floors

Some of the Methods Used
• Alcohol Wipe
• Chemical Clean
• Hand Vacuuming
• Tack Cloth Wiping
• Power Washing 1500-4000 psi
• High Pressure Waterblasting 10 K-40 K
Mansfield Industrial is the leader in the application of fireproofing materials. We provide both cementitous and fibrous fireproofing materials from all major manufacturers in a variety of industrial and commercial environments.

Mansfield Industrial also provides thermal insulation services for hot and cold applications. We insulate lines, tanks and vessels in both maintenance and new construction projects.

Fireproofing Applications

- Specializing in the commercial and industrial markets
- Apply lightweight, medium and high density cementitous and fibrous asbestos-free fireproofing materials
- Apply acoustical/thermal insulation for high noise reduction or to achieve the specified R-value
- Professionals to assist with the selection of appropriate Underwriters Lab test designs to meet hourly fire rating requirements
- Install intumescent mastic and epoxy fireproofing materials to meet the needs of refinery, chemical and offshore facilities
- Exterior materials for all weather exposure
- Maintenance, repair and upgrade of existing fireproofing installations
- Custom installation of pre-formed fireproofing panels
- Shop applied systems for schedule sensitive projects
Mansfield Industrial has developed a highly effective asset management program called Barrier Maintenance Solutions (BMS). This program capitalizes on the economic, technical, and logistical synergies inherent in an integrated maintenance approach to coatings, insulation and roofing. BMS recognizes that from an asset optimization standpoint, maintaining the barrier protection function of installed facilities is business critical.

PROTECTIVE COATINGS - The coatings asset optimization component of BMS was founded on the engineering principle that paint failure is not a linear relationship and that in fact, the first two-thirds of a coating’s life cycle is without failure followed by an exponential failure relationship in the final third. The key to coatings asset optimization is over-coating the asset in the early phase of the exponential failure relationship and prior to the accelerated phase. Scheduling coatings within this “window of opportunity” can reduce painting cost dramatically.

THERMAL INSULATION AND FIREPROOFING - Those who regularly work with thermal insulation know that given the high cost of energy, and the high risk of unknown corrosion under insulation (CUI), properly installing and maintaining insulation is of utmost importance. Insulation is one of the most cost-effective ways to help meet operating cost reduction and energy conservation goals. Implementing our BMS program can help you maintain your thermal envelope in the most asset-effective manner.

ROOFING – How well a roof performs over time depends not only on the quality of installation but also on how well a roof is maintained. Mansfield Industrial not only installs and repairs roofing systems but also offers a preventative maintenance program designed to extend the life of your facility and prevent failure. An effective maintenance program not only adds years of service life to the roof, but detects and corrects minor problems before damage is widespread, avoiding costly interruptions of daily operations. It also allows owners a planned, organized approach to roof management, consistent with multi-year capital budgeting.