



# Analytical Services for the Manufacturing Sector

The competitiveness of the American manufacturing sector is expected to continue to improve as advanced technology and automation spur growth. In tandem with this growth are concerns over dwindling natural resources and the need to protect the environment. TestAmerica provides environmental laboratory support to firms in the manufacturing sector throughout the entire lifecycle of an operation, including ongoing routine discharge monitoring, OSHA workplace monitoring, waste characterization, site characterization and remediation, decommissioning and Brownfield redevelopment support.

TestAmerica has more than 30 years' experience providing analytical support to customers in the following manufacturing industries:

- Electronics
- Heavy Equipment
- Glass
- Steel
- Wood and Paper Products
- Consumer and Packaged Goods
- Automobile
- Machinery
- Aluminum
- Cement
- Gypsum
- Food and Beverage
- Appliances

Leveraging a network of more than 80 locations across the nation, TestAmerica offers laboratory solutions for manufacturing operations of all sizes, reducing cost, complexity and risk.



## Routine Monitoring

Routine monitoring at manufacturing plants aids in compliance with regulatory permits and other environmental regulations.

## Ground and Surface Water Monitoring

The protection of groundwater is regulated by the Resource Conservation and Recovery Act (RCRA), which requires the monitoring of up-gradient and down-gradient wells in situations where the groundwater could potentially be impacted. Discharge waters and storm water are regulated through the Clean Water Act. TestAmerica offers a full range of analytical options for companies performing background, detection or assessment monitoring of groundwater and point source monitoring of discharge water.

## Industrial Hygiene Monitoring

TestAmerica's industrial hygiene (IH) monitoring services assist clients in recognizing, evaluating, and controlling workplace conditions that may cause workers' injury or illness. Our three AIHA LAP accredited laboratories offer modern analytical techniques with documented methods and procedures for the analysis of liquid, mist, fume, vapor, gas or dust samples.

## Air Monitoring

TestAmerica offers a broad range of capabilities for ambient and source air testing, using state-of-the-art instrumentation and experienced chemists to provide timely, cost-effective analyses. With more than 25 years of specialized experience in air analysis, our five air laboratories offer the largest inventory of sampling media in the country, allowing us to provide turnkey analytical solutions for even the most challenging projects.



## Decommissioning Support

The decommissioning of physical assets that have reached their useful lifespan can be a complex process from an environmental perspective. Collecting representative samples from bulky debris can be difficult, and failure to analyze representative samples can result in biased data and additional expenses to recollect samples.

TestAmerica provides companies engaging in decommissioning activities a single source solution for analytical work, offering analyses such as volatiles, pesticides, PCBs, metals, Pb and asbestos. Our laboratories also handle complex matrices such as lead based paint and caulking material, which require specialized prep methods to ensure reliable and reproducible results.

## Brownfields and Site Characterization

Similar to decommissioning efforts, the assessment and remediation of properties can be a complex and challenging endeavor. As the nation's leader in environmental testing, TestAmerica's portfolio of analytical solutions allows for the analysis of a wide range of samples including soil, water, air, waste, debris and sediment all within the same network.

Incremental Sampling Methodology (ISM) is also available to our clients as a structured composite sampling and processing protocol, allowing for reduced data variability and increased sampling representativeness. The goal of ISM is to produce a small subsample with the same contaminant concentration as originally present in the field.

## Waste Characterization

TestAmerica offers a full suite of tests that assist manufacturing facilities in the proper classification of their waste streams.

## Logistical and Project Management Support

TestAmerica provides coolers, packing material, certified pre-cleaned bottles with applicable preservatives, and chains of custody directly to the sampling site or office. We also provide courier services for the delivery of bottles and supplies to the field, and for sampling pick-up.

In addition to these cost saving measures, TestAmerica provides the following value-added services to our clients:

- Dedicated and experienced Project Management staff, capable of managing a single site, or a nationwide program.
- More than a thousand data deliverable options, including searchable pdf reports, excel based files, and deliverables to match Federal and State regulatory requirements.
- TotalAccess<sup>®</sup>, TestAmerica's secure, online database allowing 24/7 access to deliverables and job statuses, custom EDD generation with pre-loaded or site specific regulatory limits, data trending and budgeting.
- Incident Response support offering an engaged partnership with the benefits of scalable, flexible, and adaptable environmental testing support.

**TestAmerica**

THE LEADER IN ENVIRONMENTAL TESTING

**Supporting the Quality You Demand,  
the Consistency You Seek and the  
Value You Expect.**

[www.testamericainc.com](http://www.testamericainc.com)  
866.785.LABS