

# Analytical Systems Engineering Services

## ABOUT US

Since 1998 a lot has changed, but more importantly, our focus has remained the same. To provide innovative analytical system solutions to clients using a best fit solution approach; combining expert knowledge, outstanding customer service and superior service after the sale. From the earliest stages of project design through fabrication and maintenance, our team of analyzer experts can engineer and deliver comprehensive, integrated solutions to meet client needs and expectations.

Applied Controls provides expert engineering and design services by leveraging years of experience and diverse industry insight. We deliver comprehensive and innovative analytical system solutions that exceed our customer's expectations.



## FRONT-END ENGINEERING DESIGN (FEED)

Our team of analyzer experts can develop the engineering design package used to provide the framework for the detailed engineering phase and bidding process. This allows customers to control the project scope, gather true comparison bids, and avoid costly change orders.

- Improve Project Schedules
- Provide Capital Justification
- Solidify Project Scope

## STANDARDS/SPECIFICATION DEVELOPMENT



Through collaboration and thorough understanding of client processes, needs, and expectations, we can develop and deliver corporate-level standards/specification documentation that can be shared and implemented across all facilities. Deliverables include:

- Document Owner/Vendor Roles & Responsibilities for Project Execution
- Utility, Civil and Electrical Interconnect Best Practices
- Matrix of Code Requirements on Existing Systems
- Systems Drawing Packages
- FAT Procedures and Documentation
- Replacement or Upgrade Feasibility Report of Existing Systems

## WHO WE ARE

Influenced only by performance, Applied Controls is not chained to any specific brand or technology of equipment. Unlike our competitors we remain unbiased, advocating only for our clients. Being independent allows us to offer customers freedom from constraints. As analyzer experts, we focus on engineering, proven designs, and exceptional customer service; providing best-fit solutions you simply can't get anywhere else.

## WHAT WE DO

We focus on the total Analyzer System from the sample point to sample return. We can design, engineer, build, start-up, train and service on-line continuous analyzer systems-from wall mounted units to complete shelter houses.

## WHAT WE OFFER

- Engineering Services
- Environmental/Process Analyzer System Integration
- Sample Conditioning Systems
- Enclosure/Shelters
- Start-up/Commissioning/Training
- Field Service and Calibration

## VALUE-ADDED

- Technical Support
- Installation and Setup
- Maintenance
- Warranty

For more information on any of our products or services please visit us at:  
[Analyzer-Systems.com](http://Analyzer-Systems.com)

## OBSOLESCENCE REVIEW AND RECOMMENDATIONS



Obsolescence is an inevitable part of all analytical systems, and can affect equipment supportability, safety, downtime, and overall process performance. We can provide a proactive, comprehensive obsolescence management plan that will identify, evaluate and recommend technologies to replace and upgrade obsolete analyzers and components.

- Site Audit of Existing Installation/Infrastructure
- Identification of Obsolete Analyzer and Components
- Identification of Underperforming Analyzer Systems
- Safety Review
- Budgetary Costs of Replacement Systems and Components



## PROJECT MANAGEMENT

We routinely deliver complex projects to various industries across the USA. All projects are managed by our team of analyzer experts in accordance with the Project Management Institute Project Phases: *Initiation, Planning, Execution, Performance/Monitoring and Closing*. This proven process ensures transparency, accountability, predictable results, on-time and on-price delivery.

- Multi-Disciplinary Team Drawing Design Review
- Internal Pre-FAT Prior to Witnessed FAT/Witnessing of FAT on behalf of owner
- Lessons Learned Reviews for Continuous Improvement
- FAT Procedures and Documentation
- Replacement or Upgrade Feasibility Report of Existing Systems

Break  
the  
Chain |   
UNBOUND

 **Applied Controls**  
Analytical System Solutions