

Industrial



Spectra Tech offers an extensive range of engineering and construction management services as well as a global network of strategic partners that enables us to manage complex projects from concept to completion, delivering quality products on time and within budget.

Engineering Design

- Piping & Relief System Design
- Drawings, Calculations & Specifications
- Failure & Arc Flash Analysis
- Plant Layout & Design
- Heat & Material Balances
- PLC Programming
- I&C Design (including valve activation)
- Equipment Design (Pumps, Heat Exchangers, Tanks, Dust Collection)
- Pipe Hangers & Supports
- Multi-discipline design
- CADD Drafting Services

Operations/Maintenance

- As-Built Configuration Verification
- Process & Instrumentation Diagrams (P&IDs)
- Comprehensive Facility Systems Operations & Maintenance/Troubleshooting
- Preventative Maintenance Planning & Implementation

Facilities

- HVAC/Lighting/Fire Protection/Water Treatment
- Building Automation System Design & Troubleshooting
- Building Envelope Design & Modifications
- Site Assessments & Planning
- Compressed Air, Steam Process Heating and Pumping System Design & Optimization

Management

- Project Management (Schedule/Cost)
- Construction Management
- Feasibility/Economic/HAZOP Studies
- Procurement Support
- Industrial Hygiene & Safety Planning
- Procedure/Standards/Specifications Development
- Long Range Facilities Planning
- Facilities Shutdown/Outage Planning



Thinking ahead

Spectra Tech is thinking ahead – designing reliability, quality and value into everything we do. If you are thinking ahead, looking for an industrial services partner committed to providing innovative, sustainable solutions, contact Spectra Tech:

865-483-7210
spectratechinc.com

Industry-leading Professionals

Spectra Tech's team of vetted professionals represent the most qualified, experienced personnel in the industry. We maintain a staff which includes multi-discipline licensed Professional Engineers (PE), Registered Architects (RA) and Professional Geologists (PG). Our team also includes certified Project Management Professionals (PMP), Health Physicists (CHP), Industrial Hygienists (CIH), LEED Accredited Professionals (AP), Energy Managers (CEM), DOE Certified Air Master + Specialist, and Six Sigma Green Belts and Black Belts.

Spectra Tech
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TIN #: 621620591 (S Corp)
TN General Contractor License #: 52705
US Green Building Council Member

TVA PPN Member
TMSDC Certified Minority Supplier
ENR Top 500 Design Firm

