

KEY EXPERIENCE

Key Engineering employs a staff with experience in a wide variety of industries including:

Appliance Manufacturing	Fossil & Nuclear Power
Automotive	Municipal
Cement	Paint & Coatings
Chemical	Petrochemical
Commercial	Pulp & Paper
Industrial Ceramics	Steel Processing
Film & Plastics	Textiles
Food Processing	Tire Manufacturing

SOFTWARE

AutoCAD

Mechanical · Electrical

Civil 3D · Inventor · Raster · MEP

GT STRUDL · SKM POWER TOOL

ANSYS ED · CADWORX · CAESAR II

CARLSON SURVEY · HYDROCAD

MICROSTATION · STADD PRO

DYADEM PHA-PRO

KEY SOLUTIONS

Key Engineering is the largest full service multi-discipline engineering and design firm in the Decatur area, providing professional services to the industrial, commercial, municipal and private sectors. Our success is achieved because of our professional diversity and advanced capabilities.

Key's staff includes qualified engineers and designers from accredited educational institutions, with each discipline consisting of one or more Registered Professional Engineers (PE). Expanding our professional diversity, we also have a Professional Land Surveyor on staff utilizing the latest in GPS technology.

MECHANICAL

- ◆ Process Equipment Specifications & Installation Design
- ◆ Utility & Process Piping Systems
- ◆ Industrial Process Ventilation & HVAC
- ◆ Pipe Stress Analysis

CHEMICAL

- ◆ Emergency Pressure Relief Evaluation & Design
- ◆ Process Flow (Fluid Dynamics) Modeling
- ◆ HAZOP / PHA / LOPA
- ◆ Air Dispersion Modeling

STRUCTURAL

- ◆ Steel & Concrete Structural Design
- ◆ Buildings, Platforms & Equipment Supports
- ◆ Spread, Mat & Pile Foundation Design
- ◆ Existing Structures Evaluation

NETWORK – IT

- ◆ Network Resource Planning & Design
- ◆ Wireless LAN Integration

ELECTRICAL

- ◆ MCC & Power Distribution
- ◆ Cable Tray & Conduit Routing
- ◆ Instrumentation Installation Details
- ◆ Lighting & Grounding
- ◆ PLC & Controls Design

CIVIL

- ◆ Roadway, Commercial, & Residential Site Design
- ◆ Storm Drainage / Sanitary Sewer Systems
- ◆ Land Planning / Subdivisions

SURVEYING

- ◆ GPS Surveying
- ◆ Boundary & Topography Surveys
- ◆ Subdivision & Construction Staking
- ◆ Mortgage / ALTA Surveys

ADDITIONAL SERVICES

- ◆ Program Management
- ◆ Project/Construction Management
- ◆ Staff Augmentation



Engineering · CAD / Drafting · Process Safety
Program Management · Construction Management
Roadway Design · GPS Surveys · Networks - IT
Project Management · Staff Augmentation

Vision Statement

To be the best place to work in North Alabama. Present a staff that believes in safety, teamwork, total quality, and commitment. Develop sincere and honest relationships with customers to earn their trust and business.

At Key we are dedicated to creating and maintaining effective partnerships with our clients. We are proud to have worked with the following companies and continue to provide short and long term engineering solutions to these and a growing list of customers.

- 3M
- BOEING
- SOLUTIA
- DAY & ZIMMERMAN
- INEOS NOVA
- GENERAL ELECTRIC
- PPG INDUSTRIES
- DEL MONTE
- SAINT GOBAIN
- HEXCEL
- HYOSUNG
- TORAY CARBON FIBERS, AMERICA
- BP CHEMICAL
- BASF
- ARAMARK
- CARGILL
- STEELCASE
- LINDE CORPORATION
- CHEROKEE NITROGEN
- PRATT & WHITNEY
- NUCOR
- CITY OF DECATUR
- CITY OF HUNTSVILLE
- NICHOLS ALUMINUM
- OXYCHEM
- WYLE LABORATORIES

Key Engineering, Inc., conveniently located in the heart of the Tennessee Valley, is a full service, multi-discipline firm providing surveying, civil, structural, mechanical, electrical, instrumentation, engineering and design services.



PO Box 1725
287 Woodall Road
Decatur, AL 35602
Fax: (256) 351-1360
engineer@key-eng.com

DECATUR
(256) 351-1350

HUNTSVILLE
(256) 684-1888

For more information on Key's
comprehensive services, please visit
www.key-eng.com
or contact us today.

KEY
ENGINEERING

consulting
design
surveying