



Pipeline / Terminal Solutions





Why SSOE Group?

With SSOE as a resource, you have all aspects of your operation covered. You'll have access to a broad range of in-house services to handle projects of any size, scope, and level of complexity, and you'll work with a team of experts who've completed more than 1,000 pipeline and terminal projects with major oil and gas companies. This experience translates to specific advantages for you: Creative problem solving is one. We've worked through many projects that posed challenges of one type or another. In the process, we've gained the knowledge to develop better, often unique, options. Attention to detail is another. We adhere to ISO certified quality system procedures and stay up-to-date on new requirements imposed by governing bodies. To integrate our work with your operations, we quickly learn your internal policies and follow them explicitly. SSOE strives to be an extension of your engineering and construction staff.

We have an extensive list of clients with whom we've developed long-term relationships – many of which rely on us time and time again – compelling proof of high-quality, reliable performance.

Testimonial

"It's critical that our project teams work together seamlessly and follow our processes. That's one reason we've worked with SSOE on several projects. Their designers and engineers have been reliable and professional. SSOE consistently met its deadlines, which made it easier to realize our goal of working within budgets and schedules."

Ted Blum
Terminal Engineering Supervisor
Marathon Petroleum Company, LLC

David Mack
Terminal Engineering Supervisor
Marathon Petroleum Company, LLC

Project Types

- Asphalt terminals
- Cast iron / bare steel replacement
- Compressor stations
- Control system design / upgrades
- Electrical infrastructure upgrades
- Gas distribution system design
- Mainline valve stations
- Metering stations
- New stations
- Odorization system
- Pipeline relocation
- Pipeline terminals
- Power system evaluations /upgrades
- Product storage terminals
- Regulator stations
- Retrofits / upgrades pumping stations

Representative Clients

- ANR Pipeline
- Consumers Energy
- El Paso Energy
- Enbridge (Lakehead) Pipeline
- EPCO
- Great Lakes Gas Transmission
- Magellan
- Major Pipeline
- Marathon Oil Company
- Merit Energy
- Michigan Consolidated Gas
- Owens Corning
- Shell Western
- TransCanada Pipeline
- Texas Gas Transmission
- Vectren Energy





SSOE Facts

- International EPCM firm with 23 locations worldwide
- Global experience includes projects in more than 30 countries
- 12th nationally among Engineering / Architecture firms (*Building Design + Construction*, 2010)
- 5th nationally among Industrial Design Firms (*Building Design + Construction*, 2010)
- 2nd nationally among Green Industrial and Manufacturing Design Firms (*ENR*, 2010)
- 9th nationally among Chemical Plant Design Firms (*ENR*, 2010)
- 39th nationally among the Top 100 Green Design Firms (*ENR*, 2010)
- Focus on long-term relationships resulting in 85% repeat business
- Frontrunner in the practical utilization of Building Information Modeling (BIM)
- SSOE offers project management services from conception through construction, to commissioning and start-up, for seamless project delivery
- Our project management standards are drawn from the Project Management Institute. In fact, SSOE's goal is to have all of our project managers earn its prestigious designation of Certified Project Management Professional (PMP).
- Our energy consulting service offers a holistic approach to meeting your renewable energy, conservation, and sustainable design goals

Technical Specialties

- Above ground storage tanks
- Anomaly remediation
- Asphalt blending systems design
- Asphalt and petroleum loading and unloading
- Asphalt vapor abatement system design
- Biodiesel / ethanol storage
- Compression / pumping station design
- Conceptual design
- Control, instrumentation and SCADA system upgrades
- Cost estimating and budgeting
- Start-up services
- Distribution system mapping
- Electrical power distribution upgrades
- Electrical power quality and reliability
- Equipment specifications
- Environmental compliance
- Feasibility studies
- Fuel blending / biofuels blending
- Heat trace systems
- Large motor power, controls, and instrumentation
- Launcher / receiver design
- Load rack fall protection / safety improvements integration
- Noise control
- Pipeline design
- Pipeline integrity
- Pipe stress analysis
- Polymerized asphalt production facility design
- Process hazard reviews
- Process simulation
- Storage field gas processing
- Procurement
- Project close-out / as-built drawings
- Project management
- Project scheduling
- Terminal facility (truck, rail, and marine)
- Terminal piping systems design



Markets

- Government
- Life Sciences
 - Education
 - Healthcare
 - Pharmaceutical
 - Science and technology
- Manufacturing / Process
 - Automotive
 - Chemical / Petroleum
 - Consumer products
 - Food
 - General manufacturing
 - Glass
- Power
 - Investor-owned utilities
 - Municipal
 - Renewable energy
- Telecommunications

Services

- Architecture
- BIM
- Construction management
- Data communication
- Energy consulting
- Engineering
- Loss prevention
- Machine design
- Master planning
- Procurement
- Program / project management

Locations

- Alliance, OH
- Beijing, China
- Cedar Rapids, IA
- Chicago, IL
- Cincinnati, OH
- Columbus, OH
- Irvine, CA
- Kalamazoo, MI
- Lima, OH
- Midland, MI
- Mumbai, India
- Nashville, TN
- Newark, OH
- Omaha, NE
- Phoenix, AZ
- Raleigh-Durham, NC
- St. Paul, MN
- Seattle, WA
- Shanghai, China
- Tianjin, China
- Toledo, OH
- Troy, MI
- Washington, DC



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