test track
SSOE Facts

- SSOE was founded in 1948.
- We are an international engineering, procurement, and construction management (EPCM) firm with projects in more than 30 countries.
- 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).
- SSOE offers program management services from conception through construction, to commissioning and start-up, for seamless project delivery.
- Our energy consulting group offers a holistic approach to meeting your renewable energy, conservation, and sustainable design goals. We have more than $1 billion in projects that are LEED® certified.

Why SSOE? The SSOE Experience is the combination of our Value Promise and Great Client Service that results in trusted relationships.

To consistently exceed clients’ expectations is a common goal in our industry. So, how is our promise of outstanding performance any different from others? We have proof. Greater than 91% of clients we surveyed would recommend SSOE Group to a colleague. And more than 150 of our clients have been with us for at least 20 years. These endorsements are a result of our Great Client Service—our corporate-wide commitment to understand and exceed your expectations and deliver unexpected benefits.

For decades, we’ve found ways to deliver greater value to clients. You can count on us to deliver high quality projects, on schedule, with fewer problems, and for lower total cost to save you time, trouble, and money. Through this Value Promise SSOE returned 126% of our fee to clients in the form of project savings over the last 3 years.
Advantages

• Our expert understanding of test track surfaces and the techniques to develop simulations of real world surfaces make SSOE the “go to” resource for manufacturers who want to provide safer, durable, and more refined components and vehicles.

• When it comes to enhanced performance, SSOE is dedicated to the ongoing development of the 3D surface and utility modeling software programs that you need to run successful test track projects. These programs accelerate the process of going from concept to finished product, while optimizing construction costs.

• SSOE is consistently ranked among the top five automotive design firms and in the last 10 years we have designed more than 50% of the automotive assembly plants in the U.S. This strong base of experience allows us to develop solutions that are unique to your facility’s location, criteria, and performance objectives.

Test Track Types

• Basalt tile pads
• Belgium block
• Brake slope facilities
• Brake soak pool
• Chip and splash test roads
• Clutch slope
• Durability test areas
• Dynamic handling courses
• Frame twister
• Grade climb tracks
• High speed, super-elevated test tracks
• Hot-mix asphalt test tracks
• ISO pad
• Low coefficient test facility
• Noise, Vibration, and Harshness (NVH)
• Off-road durability courses
• Paved rough road courses
• Rough off-road courses
• “Shakedown” tracks
• Skid pads
• Special profile roads
• Squeak and rattle tracks
• SUV test areas
• Vehicle dynamics area
• Winding road test tracks

Representative Clients

• Chrysler
• General Motors
• Honda
• Nissan
• Teledyne Corporation
• Toyota
• Transportation Research Center of Ohio
• Volkswagen
Markets
- Energy
- Life Sciences
- Manufacturing / Process
- Telecommunications

Services
- Architecture
- Construction management
- Data / Fire / Security
- Energy consulting
- Engineering
- Master planning
- Procurement
- Project / Program management
- Site selection
- Tool install
- Virtual Design and Construction

Rankings
**Engineering News-Record (ENR), 2015**
- Top 5 Automotive Plant Design Firm for the past 8 years
- Top 10 Manufacturing Design Firm for the past 4 years
- Top 20 Industrial Process Design Firm for the past decade

**ENR Global Sourcebook, 2014**
- 6th International Automotive Assembly Design Firm
- 27th International Manufacturing Design Firm

**Building Design + Construction, 2015**
- Top BIM Engineering Firm for the past 4 years
- Top 10 Engineering / Architecture Firm for the past 3 years
- Top 10 Industrial Sector Engineering Firm for the past 3 years

Locations
- Albany, NY
- Alliance, OH
- Atlanta, GA
- Birmingham, AL
- Chandler, AZ
- Cincinnati, OH
- Columbus, OH
- Denver, CO
- Hamburg, Germany
- Huntsville, AL
- Kalamazoo, MI
- León, Mexico
- Lima, OH
- Midland, MI
- Mobile, AL
- Monterrey, Mexico
- Mumbai, India
- Nashville, TN
- Omaha, NE
- Penang, Malaysia
- Portland, OR
- Raleigh-Durham, NC
- Riverside, CA
- Santa Clara, CA
- São Paulo, Brazil
- Shanghai, China
- St. Paul, MN
- Toledo, OH
- Troy, MI
- Washington, DC

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