

Solar Turbines

A Caterpillar Company

TurboFab

We Build Your Vision



Expert Fabrication Backed By Fortune 100 Stability

- **Quality**
- **Experience**
- **Performance**
- **Financial Stability**

Quality is built in from the ground up. That's why discerning customers choose TurboFab when selecting a fabricator to produce modularized compression or power generation facilities for critical projects, both onshore and offshore.

TurboFab fabricates products for the performance and durability required in the most demanding applications — with the technical expertise gained through years of experience.

Our staff's extensive experience in project management, procurement, fabrication, and inspection is focused on meeting our customers' exacting designs and specifications, while complying with the latest codes and design standards.

We produce large gas manifolds and structural steel bases to exacting tolerances and specifications for industrial applications. The combination of large module fabrication and the manufacture of manifolds and steel bases allows TurboFab to maintain a steady shop load and stable workforce, both of which are important considerations rarely met in the highly cyclical fabrication business.

Our production capabilities include fabrication, pipe spooling, process skid and turbine base assembly, painting, testing, electrical assembly, and instrumentation. Utilities that service the site, including a high-pressure gas line, allow

for testing of turbomachinery modules and related equipment before shipment to the customer. TurboFab can also test electric motors of up to 1000 hp, 4160 V, 60 Hz.

With more than 1200 feet of frontage along Carpenter's Bayou Barge Canal in Channelview, Texas, the 50-acre TurboFab facility has immediate access to the Houston Ship Channel and the Intercoastal Waterway.

TurboFab's fabrication and manufacturing shop has more than 258,000 square feet of all-weather work space supported by numerous bridge cranes. The heavy fabrication bay can accommodate the fabrication and/or packaging of components ranging from small skids to single-lift modules. Our large CNC milling machine can handle steel bases or work pieces as large as 42 ft x 14 ft x 13 ft (l x w x h) and weighing up to 80 tons. Longer pieces can be accommodated depending on configuration.

Our fully enclosed 8800-square foot coatings facility is permitted by the Texas Natural Resource Conservation Commission and complies with state and federal regulations. State-of-the-art paint application systems, combined with a grit blast recovery system, minimize hazardous waste and environmental impact.

As a facility of Solar Turbines Incorporated, a wholly owned subsidiary of Caterpillar Inc., TurboFab is also backed by an Environmental Affairs department to ensure continued operational compliance with ever-changing regulatory requirements.



Heavy Fabrication and Manufacturing Shop Capabilities



Flexibility allows TurboFab the ability to produce modules weighing in excess of 1000 tons or set up production lines to produce or duplicate products such as bases, manifolds, containers and generator packages.

TurboFab has complete engineering and design support in all major disciplines necessary to produce complex products. From process and piping design to instrumentation and controls design, TurboFab has the capability. Detailed designs and drawings can be produced from in-house standard specifications or customized to our customers' design requirements.



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For further information about TurboFab's capabilities to support your next project, whether large or small, please contact:

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