Turboexpander Service
L.A. Turbine is a design and manufacturing company creating application-specific, highly engineered turboexpanders that are used in Hydrocarbon Processing, Geothermal Power Generation, Air Separation and Power Recovery applications. We are also the industry leader in providing expert field service, repair, redesign and spare parts for all brands and configurations of turboexpanders worldwide.

In 2003, L.A. Turbine formed to meet an identified market need for service of existing turboexpanders. Joined by a handful of veteran engineers from the turboexpander industry, L.A. Turbine made its mark by providing premium services and quick turnaround. As a result, the company saw rapid growth, and in 2007, made the decision to design, engineer and manufacture its own branded turboexpanders. Currently, L.A. Turbine fulfills global turboexpander market needs by providing new equipment design, repair, and redesign of existing turboexpanders, as well as expert field service and spare parts for all turboexpanders worldwide.

The company’s operation is integrated with broad engineering expertise and analytical competency, multi-axial CNC machining capabilities, mechanical assembly, PLC and electrical system design and assembly, complete metal fabrication, and testing facilities that include resonance, balancing, pressure, performance and mechanical run tests.

Capabilities

New designs of turboexpander product configurations include turboexpander-compressor, turboexpander-generator and expander-dyno (brake) units for use in Hydrocarbon Processing (LNG, LPG, NGL and DPC), Geothermal Power Generation, Air Separation, Refrigeration and Industrial Power Recovery applications.

L.A. Turbine aftermarket services include repair, redesign, upgrades, maintenance and production of spare parts for any turboexpander brand. In addition, a global FX-TURBO Field Service Team provides diagnostics, maintenance and emergency support 24/7/365 either on-site or by calling +1 855 FX-TURBO.

Customer-supplied Turboexpander-Compressor for evaluation and repair.

Turboexpander-Compressor mechanical center section (MCS) redesigned for increased flow and efficiency.

Instrumentation/Control System upgrade to integrate PLC.

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