L.A. Turbine's ARES AMB turboexpander-compressor is the industry's first and still today, the only active magnetic bearing turboexpander featuring a skid-mounted AMB controller and the necessary emergency generator and dyno-brake designs, which enable it to perform work with minimal down time. The L.A. Turbine's ARES AMB turboexpander-compressor also ranges of 100-150 MMSCFD, inlet pressures of 670 to 970 PSIG, wheel powers ranging from 600 to 3,000 HP and has been designed with a variety of industrial gas operating environments in mind. The L.A. Turbine's ARES AMB turboexpander-compressors have been utilized in applications such as in the Bakken Shale and West Permian Basin. From the time of commissioning, LAT ARES AMB turboexpanders have been in operation in the field without a single failure, which is the result of the expertise and commitment of LAT's engineering and manufacturing teams. LAT ARES AMB turboexpander-compressors have been utilized in applications such as in the Bakken Shale and West Permian Basin. From the time of commissioning, LAT ARES AMB turboexpanders have been in operation in the field without a single failure, which is the result of the expertise and commitment of LAT's engineering and manufacturing teams. LAT ARES AMB turboexpanders are expected to perform as-designed for years to come, and are well positioned for the rigors of their environments.

LAT's FX-TURBO Team offers consultative help via phone 24/7/365 after performing checks, ensuring your turboexpander is not only running, but running at its peak performance. LAT's FX-TURBO Team is here to reduce your risks.

LAT ARES AMB turboexpander-compressor units are at optimum performance and availability as a result of LAT's vertically-integrated operation, L.A. Turbine has the resources, expertise, and ability to perform Turboexpander Maintenance from the ground up. LAT's FX-TURBO Team is here to ensure your turboexpander-compressor units are in top condition, from the manufacturing process and overcame significant challenges to meet the contractual testing requirements. LAT's FX-TURBO Team is here to ensure your turboexpander-compressor units are in top condition, from the manufacturing process and overcame significant challenges to meet the contractual testing requirements.

LAT Delivers L4000 Turboexpander To Middle East

LAT, a vertically-integrated Turboexpander and related equipment and service provider, delivered an L4000 turboexpander to a natural gas processing plant in the Middle East, a first of multiple processing facilities and gas compressor project.

In March 2020, when businesses and the world was entering shutdown mode, a new challenge emerged for LAT and its customers. Global supply chains were disrupted, and some critical parts and supplies were becoming scarcer, and supply chains were uncertain.

Against this backdrop, we continued to work with our customers, providing ongoing support and services. LAT technicians were deployed to perform maintenance and repair on-site, and in some cases, LAT delivered new turboexpanders and repaired units to customers.

LAT ARES AMB turboexpanders log 80,000 hours.

A third party EPC company sought a turboexpander provider for a new natural gas processing plant in the Middle East, a first of multiple processing facilities and gas compressor project.

Amidst the COVID chaos, LAT engineers, shop machinists and assemblers accustomed to working closely together split up and worked individually or remotely to meet the contractual testing requirements for the project.

Eighteen months later, in spite of the pandemic challenges, L.A. Turbine delivered the turboexpander skid package to the natural gas processing plant.

LAT ARES AMB turboexpander-compressor units are expected to perform as-designed for years to come, and are well positioned for the rigors of their environments.

.Generators, dyno-brakes and personal safety equipment form part of the turboexpander skid package. All of these components are critical to maintaining the reliability and performance of the turboexpander. The L.A. Turbine's ARES AMB turboexpander-compressor is the industry's first and still today, the only active magnetic bearing turboexpander featuring a skid-mounted AMB controller and the necessary emergency generator and dyno-brake designs, which enable it to perform work with minimal down time. The L.A. Turbine's ARES AMB turboexpander-compressor also ranges of 100-150 MMSCFD, inlet pressures of 670 to 970 PSIG, wheel powers ranging from 600 to 3,000 HP and has been designed with a variety of industrial gas operating environments in mind. The L.A. Turbine's ARES AMB turboexpander-compressors have been utilized in applications such as in the Bakken Shale and West Permian Basin. From the time of commissioning, LAT ARES AMB turboexpanders have been in operation in the field without a single failure, which is the result of the expertise and commitment of LAT's engineering and manufacturing teams. LAT ARES AMB turboexpanders are expected to perform as-designed for years to come, and are well positioned for the rigors of their environments.

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