



DynaQual Test Labs Celebrates Second Anniversary of Operation

Houston-based independent reliability test lab performs tests for more than 50 companies

DynaQual Test Labs recently celebrated two years of operation at its Houston location, where it has successfully conducted tests for more than 50 companies in the oil and gas, medical, transportation and manufacturing industries.

The test lab performs independent reliability tests on electronic and electro-mechanical components, assemblies and manufactured products, as well as environmental testing of elastomers and other materials. Because of its convenient Houston location, DynaQual has tested a wide range of oilfield equipment and materials, including wireline instruments, logging-while-drilling downhole equipment and elastomers for high temperature applications.

“We help equipment suppliers carry out required testing that normally cannot be conducted at their own facility,” said Bob Joyce, President of DynaQual. “We also help keep product development projects on schedule by providing test capabilities to supplement our customers’ internal test labs.”

The DynaQual facility has an industry-leading Qualmark Typhoon 4 HALT chamber to perform HALT/HASS testing. The company conducts sine and random vibration testing using an ETS-ED shaker, and performs high-amplitude drop testing using a VST pneumatic shock apparatus. In addition, DynaQual conducts thermal bake tests up to 300°C and thermal cycling stress screen tests (-70°C to +180°C) to qualify components and determine a product’s upper and lower temperature limits.

DynaQual experts also can conduct fluid flow tests using a flow loop at another Houston location.

DynaQual’s services include project consulting and design of custom test plans. The company has performed reliability tests on downhole equipment and has the capability to test manufactured products to reduce warranty costs significantly.

DynaQual’s engineers and technicians have decades of experience in reliability testing. “We offer flexible hours of operation as needed for rapid turnaround,” Joyce said. “We take pride in working closely with the customer to develop the most effective test program they can implement for their new or redesigned products.”

DynaQual is a Houston-based reliability test lab providing independent testing services to the oil and gas, medical, transport, aerospace and electro-mechanical manufacturing industries. The DynaQual facility is located near the FM 1960 exit off I-45 North. For more information, visit <http://www.dynaqual.com>.



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