



PERRY JOHNSON LABORATORY ACCREDITATION, INC.

Certificate of Accreditation

Perry Johnson Laboratory Accreditation, Inc. has assessed the Organization of:

DynaQual Test Labs
301 Wells Fargo Drive, Suite 10, Houston, TX 77090

*and hereby declares that the Organization is accredited in accordance with
the recognized International Standard:*

ISO/IEC 17025:2017

Whereby, technical competence has been confirmed for the associated scope supplement, in the fields of:

Mechanical and Thermodynamic Testing
(As detailed in the supplement)

Accreditation claims for conformity assessment activities shall only be made from the addresses referenced within this certificate and shall apply solely to those activities identified in the related scope. This Accreditation is granted subject to the Accreditation Body rules governing the Accreditation referred to above, and the Organization hereby commits to observing and complying with those rules in their entirety.

For PJLA:

Initial Accreditation Date:

Issue Date:

Expiration Date:

November 10, 2019

January 12, 2026

February 29, 2028

Accreditation No.:

Certificate No.:

79999

L26-15

Tracy Szerszen
President

*The validity of this certificate is maintained through ongoing assessments based
on a continuous accreditation cycle. The validity of this certificate should be
confirmed through the PJLA website: www.pjllabs.com*

Perry Johnson Laboratory
Accreditation, Inc. (PJLA)
755 W. Big Beaver, Suite 1325
Troy, Michigan 48084



Certificate of Accreditation: Supplement

DynaQual Test Labs

301 Wells Fargo Drive, Suite 10, Houston, TX 77090

Contact Name: Bob Joyce Phone: 281-773-7944

Accreditation is granted to the facility to perform the following conformity assessment activities:

FIELD OF TEST	ITEMS, MATERIALS, OR PRODUCTS TESTED	COMPONENT, CHARACTERISTIC, PARAMETER TESTED	SPECIFICATION OR STANDARD METHOD	TECHNOLOGY OR TECHNIQUE USED	FLEX CODE	LOCATION OF ACTIVITY
Mechanical	Electronics with or without mechanical assemblies	Pressure testing cycles and/or dwells and with or without temperature (Hyperbaric)	Pressure Testing procedure	Pressure Transducer-Data Logger	F1, F4	F
Mechanical	Electronics with or without mechanical assemblies	Shock (Drop) testing	MIL-STD-810H MIL-STD-810H (516.7) IEC 60068-2-27 ASTM 4169 (Sec 13) ISTA-2A (Seq 5)	Controller – Accelerometer-vibration system	F1, F2	F
Mechanical	Electronics with or without mechanical assemblies	Vibration and Classic Shock Testing	Petro-API-17F (9.2.3) API 17F (9.3.3.3) ISO 13628 (9.3.3.3) IEC 60068-2-6 MIL-STD-810H (514.7) ASTM 4169 (Sec 12) Federal ISTA-2A (Seq 4) Federal ISTA-2A (Seq 6) MIL-STD-1312-7A	Controller – Accelerometer-Vibration system	F1, F2	F
Mechanical	Electronics with or without mechanical assemblies	HALT (Highly Accelerated Life Test) HASS (Highly Accelerated Stress Screen)	Standard Qualmark HALT/HASS	Thermocouple- Test Chamber - Accelerometer	F1, F2	F
Thermodynamic	Electronics with or without mechanical assemblies	HALT (Highly Accelerated Life Test) HASS (Highly Accelerated Stress Screen)	Standard HALT/HASS process as defined by Qualmark HALT Guideline Procedure Rev 7	Thermocouple- Test Chamber - Accelerometer	F1, F2	F
Thermodynamic	Electronics with or without mechanical assemblies	Thermal cycling and thermal soak	ISO 13628 (9.2.3) ISO 13628 (9.3.3.2) API 17F (9.3.3.2) MIL-STD-810H (501.6) MIL-STD-810H (503.6) MIL-STD-810H (507.6) Fed ISTA-2A (Seq.1) Temp Fed ISTA-2A (Seq.2) T & H	Russells environmental chamber	F1, F2	F



Certificate of Accreditation: Supplement

DynaQual Test Labs

301 Wells Fargo Drive, Suite 10, Houston, TX 77090
Contact Name: Bob Joyce Phone: 281-773-7944

Accreditation is granted to the facility to perform the following conformity assessment activities:

1. Location of activity:

Location

F

Location

Conformity assessment activity is performed at the CABs fixed facility

2. Flex Code:

F0- Fixed scope item. No deviations allowed to the line item as identified, except for updating to the most recent version of an accredited standard method after verification.

F1- Laboratory has the capability to test a new item, material, matrix, or product similar in composition to item, material, matrix, or product identified on the scope

F2- Laboratory has the capability to introduce the newest revision of an accredited authoritative standard method (with no modifications) identified on the scope

F3- Laboratory has the capability to introduce a parameter/component/analyte to an accredited test method identified on the scope

F4- Laboratory has the capability to introduce a new revision of an accredited non-standard method using the same technology or technique identified on the scope

F5- Laboratory has the capability to introduce a validated method that is equivalent to an accredited method (using same technology or technique) identified on the scope