



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

FREUDENBERG OIL & GAS TECHNOLOGIES  
4535 Brittmoore Road  
Houston, TX 77041  
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MECHANICAL

Valid To: October 31, 2023

Certificate Number: 3843.01

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following tests on plastic and rubber seals and associated raw materials and test specimens:

<b><u>Test:</u></b>	<b><u>Test Method(s)<sup>1</sup>:</u></b>
Adhesion to Rigid Substrates (Quad Shear)	ASTM D429
Compression Set	ASTM D395 (Method B)
Downhole Equipment Completion Accessory Testing	ISO 14998 (Annex A and D)
Effects of Liquids (Aging)	ASTM D471
Hardness – Shore A and D	ASTM D2240
Heat Aging	ASTM D573
Packer Testing	ISO 14310 (6.5)
Pressure/Temperature Cycling	ISO 10423 (F1.11, F1.13); ISO 14310 (6.5)
Rapid Gas Decompression	NORSOK M-710 (Annex B); ISO 23936-1 and -2
Tensile Properties	ASTM D412
Density	ASTM D297, Section 16.3

<sup>1</sup> When the date, edition, version, etc. is not identified in the scope of accreditation, laboratories may use the version that immediately precedes the current version for a period of one year from the date of publication of the standard measurement method, per part C., Section 1 of A2LA *R101 - General Requirements- Accreditation of ISO-IEC 17025 Laboratories*.



## Accredited Laboratory

A2LA has accredited

### **FREUDENBERG OIL & GAS TECHNOLOGIES**

*Houston, TX*

for technical competence in the field of

### Mechanical Testing

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017 *General requirements for the competence of testing and calibration laboratories*. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (refer to joint ISO-ILAC-IAF Communiqué dated April 2017).



Presented this 30<sup>th</sup> day of July 2021.

A blue ink signature of the Vice President of Accreditation Services.

Vice President, Accreditation Services  
For the Accreditation Council  
Certificate Number 3843.01  
Valid to October 31, 2023

*For the tests to which this accreditation applies, please refer to the laboratory's Mechanical Scope of Accreditation.*