



# CERTIFICATE OF ACCREDITATION

## ANSI-ASQ National Accreditation Board

500 Montgomery Street, Suite 625, Alexandria, VA 22314, 877-344-3044

This is to certify that

**ADANAC Global Testing & Inspection**  
**#3, 2221 – 41<sup>st</sup> Avenue NE**  
**Calgary AB T2E 6P2**

has been assessed by ANAB  
and meets the requirements of international standard

## ISO/IEC 17025:2005

while demonstrating technical competence in the field of

## TESTING

Refer to the accompanying Scope of Accreditation for information regarding the types of tests to which this accreditation applies.

L2410

Certificate Number

  
ANAB Approval

Certificate Valid: 02/05/2018-02/10/2021  
Version No. 001 Issued: 02/05/2018



This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2005. 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).



**SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005**

**ADANAC Global Testing & Inspection**

#3, 2221 – 41<sup>st</sup> Avenue NE  
 Calgary AB T2E 6P2  
 403-514-2334

**TESTING**

Valid to: **February 10, 2021**

Certificate Number: **L2410**

**Mechanical**

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
Adhesion – Hot Water Soak	API RP 5L7, Appendix 16 API RP 5L9, Appendix L CSA Z245.20, Section 12.14 ISO 21809-2, Annex A16 ISO 21809-3, Annex I (FBE coatings only)	Protective Coatings	Temperature-Controlled Baths
Adhesion – Pull-Off	ASTM D4541, Method E ISO 4624, Method B	Protective Coatings	Automatic Pull-Off Adhesion Tester
Adhesion – X-Cut	ASTM D6677 ISO 21809-3, Annex Q	Protective Coatings	
Autoclave	API RP 5L2, Appendix E API RP 5L2, Appendix F API RP 5L7, Appendix 10 ISO 15741, Annex C ISO 15741, Annex D NACE TM0185	Protective Coatings	Autoclave Vessel: Up to 10 000 psi; Up to 260 °C
Cathodic Disbondment	API RP 5L7, Appendix 11 API RP 5L9, Appendix G ASTM G8, Method B ASTM G42 ASTM G95 CSA Z245.20, Section 12.8 CSA Z245.21, Section 12.3 ISO 15711, Method A ISO 20340 ISO 21809-1, Annex H ISO 21809-2, Annex A9 ISO 21809-3, Annex G NACE SP0394, Appendix F NORSOK M-501	Protective Coatings	Cathodic Disbondment Bath/Cell

Chemical Resistance	API RP 5L7, Appendix 12 API RP 5L9, Appendix H ASTM D6943 ISO 2812-1 NACE TM0174	Protective Coatings	Atlas Cell, Pressurized Atlas Cell, Temperature-Controlled Bath
Cyclic Corrosion (Weathering, Ageing Resistance)	ASTM D5894 ISO 20340 NORSOK M-501	Protective Coatings	Salt Spray Chamber; UV/Condensation Chamber
Dry Film Thickness	ASTM D7091 ISO 2808, Methods 7B, 7C, & 7D	Protective Coatings	Thickness Gage
Durometer Hardness	ASTM D2240, Type D	Protective Coatings	Durometer
Evaluation of Blistering	ASTM D714 ISO 4628-2	Protective Coatings	Microscopic/Visual Evaluation
Evaluation of Chalking	ASTM D4214, Methods A & B ISO 4628-6 ISO 4628-7	Protective Coatings	Visual Evaluation
Evaluation of Checking	ASTM D660	Protective Coatings	Visual Evaluation
Evaluation of Cracking	ASTM D661 ISO 4628-4	Protective Coatings	Microscopic/Visual Evaluation
Evaluation of Flaking	ASTM D772 ISO 4628-5	Protective Coatings	Microscopic/Visual Evaluation
Evaluation of Interface Contamination	API RP 5L9, Appendix K CSA Z245.20, Section 12.9 ISO 21809-2, Annex A11	Protective Coatings	Microscopic Visual Evaluation
Evaluation of Porosity	API RP 5L9, Appendix K CSA Z245.20, Section 12.10 ISO 21809-2, Annex A12	Protective Coatings	Microscopic Visual Evaluation
Evaluation of Rusting	ASTM D610 ISO 4628-3	Protective Coatings	Visual Evaluation
Flexibility (Bend)	API RP 5L7, Appendix 13 API RP 5L9, Appendix I ASTM D522, Method B CSA Z245.20, Section 12.11 ISO 21809-1, Annex I ISO 21809-2, Annex A13 NACE SP0394, Appendix H	Protective Coatings	Bending Mandrel; Four-Point Bending Apparatus



Impact Resistance	API RP 5L7, Appendix 14 API RP 5L9, Appendix J ASTM D2794 ASTM G14 CSA Z245.20, Section 12.12 ISO 21809-1, Annex E ISO 21809-2, Annex A14 ISO 21809-3, Annex D	Protective Coatings	Impact Tester
Salt Spray	ASTM B117 ASTM G85 (Annexes 1, 2, & 5) ISO 9227 (NSS and AASS)	Protective Coatings	Salt Spray Chamber
Seawater Immersion	ISO 20340 ISO 2812-2 NORSOK M-501	Protective Coatings	Temperature-Controlled Baths
UV/Condensation	ASTM D4587 ASTM G154 ISO 16474-3, Method A	Protective Coatings	UVA-340 Lamps Only; UV/Condensation Chamber
Water Condensation	ASTM D4585	Protective Coatings	Condensation Chamber
Water Immersion	ASTM D870 ISO 2812-2	Protective Coatings	Temperature-Controlled Baths

**Thermal**

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
Differential Scanning Calorimetry	API RP 5L7, Appendix 5 ASTM E1356 CSA Z245.20, Section 12.7 ISO 11357-2 ISO 21809-2, Annex A8	Fusion Bond Epoxy (powder or cured) Plastics (amorphous or partially crystalline)	Differential Scanning Calorimeter

Note:

1. This scope is formatted as part of a single document including Certificate of Accreditation No. L2410.

Vice President