



# CERTIFICATE OF ACCREDITATION

## ANSI-ASQ National Accreditation Board

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

This is to certify that

**Element Materials Technology Monterrey**  
**Carr. Monterrey-Salttillo 3279-B, Col. Privadas de Santa Catarina**  
**Santa Catarina NL, CP 66367 Mexico**

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

## ISO/IEC 17025:2005

while demonstrating technical competence in the fields of

## TESTING

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

L2195.03

Certificate Number



ANAB Approval

Certificate Valid: 04/18/2018-02/26/2019  
Version No. 002 Issued: 04/18/2018



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

Element Materials Technology Monterrey
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TESTING

Valid to: February 23, 2019

Certificate Number: L2195.03

Mechanical

Table with 4 columns: Specific Tests and/or Properties Measured, Specification, Standard, Method, or Test Technique, Items, Materials or Product Tested, Key Equipment or Technology. Rows include Tensile, Rockwell Hardness, Brinell Hardness, Impact, Stress Rupture, Creep, IGA/IGO End Grain Pitting, and Metallography.



**Mechanical**

<b>Specific Tests and/or Properties Measured</b>	<b>Specification, Standard, Method, or Test Technique</b>	<b>Items, Materials or Product Tested</b>	<b>Key Equipment or Technology</b>
Metallography – Grain Size	ASTM E112; ASTM E1181; ASTM E930; ASTM E1351 GE E50TF133	Metals, Alloys, Nickel Alloys	Microscopical Methods
Metallography – Sample Preparation	ASTM E3	Metals, Alloys	
Metallography – Macroetching	ASTM E3 ASTM E340; ASTM A604	Metals, Alloys	
Metallography – Microetching	ASTM E407	Metals, Alloys	Microscopical Methods
Metallography – Alpha Case	ASTM E407; GE P3TF19 SOP # ALPHA; PWA E142	Metals, Alloys	Microscopical Methods
Metallography – Microstructure	SOP# MET; AMS 2380	Metals, Alloys	Microscopical Methods
Metallography – Inclusion Rating Method A	ASTM E45	Metals, Alloys	Microscopical Methods
Heat Treating of Test Samples	AMS 2750	Metals, Alloys	Heat Treating of specimens for testing only

**Non-Destructive**

<b>Specific Tests and/or Properties Measured</b>	<b>Specification, Standard, Method, or Test Technique</b>	<b>Items, Materials or Product Tested</b>	<b>Key Equipment or Technology</b>
Non-Destructive -Penetrant Inspection Type I Sensitivity Levels: 3-4	SOP# FPI/IPA ASTM E 1417 - Methods: A and D	Metal Product	
Macroetching Inspection	SOP # EPI/PIL2; Snecma DMC 0330 DMC 0095, DPM 12-300, DMC 9513; GE P4TF4, P&W MCL Code 2 Method G	Metals, Alloys	

**Chemical**

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
Chemical Analysis (ONH detection by inert gas fusion analysis)	ASTM E1409; ASTM E1447; ASTM E1019 SOP# ONH-Ti-Fe	Titanium and Titanium Alloys. Steel, Iron, Nickel, and Cobalt Alloys.	Inert Gas Fusion Analyzer LECO ONH 836

Note:

1. This laboratory offers commercial testing service.
2. This scope is formatted as part of a single document including Certificate of Accreditation No. L2195.03.



Vice President

