

SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

ELEMENT HOUSTON -YORKTOWN
14805 Yorktown Plaza Drive
Houston, TX 77040
Daisy Gaona Phone: 713 692 9151

MECHANICAL

Valid To: December 31, 2024

Certificate Number: 1480.05

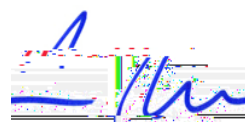
In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following tests fasteners, metals, alloys and nonmetallics

Test:

Test:	Test Method(s):
Metallographic Examination Preparation of Metallographic Specimens Alpha Case Carburization/Decarburization (Hardness, Optical) Coating Thickness (Cross Sectioning) Coating Weight	ASTM E3; BS EN 3114001 SOP MET40.24; GE P3TF19, GE P3TF32 ASTM E1077, ASTM F2328, ASTM F2328M; ISO 898; SAE J121
Macroetch	
Microetch Grain Size Banding / Microstructure Inclusion Content Volume Fraction Microstructure of Graphite in Iron Casting	



Test:	Test Method(s):
Impact (Charpy)- Metals (R.T to 320°F)	API 1104;ASME VIII, IX, ASME B31.3; ASTM A370, ASTM E23;AWS B4.0 (Clause 7), D1.1 (Clause 4), D1.5 (Clause 5); ISO 148
Proof Load (Internal/External Threads)	ASTM A370,ASTM





This laboratory is accredited by the Competence Centre for Testing and Calibration Laboratories (C15.7) (this accreditation is based on the 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 28th day of December 2022.

Mr. Trace McInturff, Vice President , Accreditation Services
For the Accreditation Council
Certificate Number 1480.05
Valid to December 31, 2024