

SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

ELEMENT HOUSTON -YORKTOWN
14805 Yorktown Plaza Drive
Houston, TX 77040
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MECHANICAL

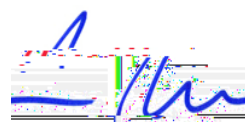
Valid To: December 31, 2024

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 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 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