



SCOPE OF ACCREDITATION TO ISO/IEC 17020:2012

ELEMENT MATERIALS TECHNOLOGY HOUSTON LLC  
14805 Yorktown Plaza Drive  
Houston, TX 77040  
Daisy Gaona Phone: 713 692 9151

INSPECTION BODY

Valid To: December 31, 2020

Certificate Number: 1480.07

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this Type A (Third Party) inspection body for the inspections identified below:

| <b>Test/Inspection:</b>  | <b>Specification(s)/ Requirements</b>   | <b>Further Description of Inspection Activities</b>        | <b>Product Type(s):</b> |
|--|---|--|-------------------------|
| Liquid Penetrant<br>Visible<br>Fluorescent   | ASTM E165, E1417;<br>ANSI/ASME B31.1, B31.3;<br>API 1104, 6A;<br>ASME Section V,<br>Article 6;<br>AWS D1.1 (Clause 6 Part C, Clause 9 Part F)                                   | Compliance with Specification and/or Contract Requirements | Weldments, Forgings     |
| Magnetic Particle<br>Yoke – Visible,<br>Fluorescent (Wet,<br>Dry)<br>Bench – Visible,<br>Fluorescent | ASTM E709, E1444;<br>ANSI/ASME B31.1, B31.3;<br>API 1104, 6A;<br>ASME Section V,<br>Article 7;<br>MIL STD 1949;<br>AWS D1.1 (Clause 6 Part C, Clause 9 Part F)                  | Compliance with Specification and/or Contract Requirements | Weldments, Forgings     |
| Radiographic<br>Xray<br>Gamma  | ASTM E94;<br>ANSI/ASME B31.1, B31.3;<br>API 1104, 6A;<br>ASME Section V,<br>Article 2;<br>AWS D1.1 (Clause 6 Part C & E, Clause 9 Part F)                                       | Compliance with Specification and/or Contract Requirements | Weldments, Forgings     |
| Ultrasonic<br>Contact Straight Beam<br>Contact Angled Beam<br>Phased Array                           | ASTM A388, A578, E114, E164, E213, E273, E428, E587, E797;<br>ASME Section V, Article 4, 5, 23;<br>AWS D1.1 (Clause 6 Part C & F, Clause 9 Part F), D1.5 (Clause 6, Inspection) | Compliance with Specification and/or Contract Requirements | Weldments, Forgings     |

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|---|--|--|-------------------------|
| Visual Inspection   | ASME Section V, Article 6; AWS D1.1 (Clause 6, Inspection) | Compliance with Specification and/or Contract Requirements   | Weldments, Forgings     |
| X-Ray Fluorescence (PMI)  | NDE-60.18  | Compliance with Specification and/or Contract Requirements   | Weldments, Forgings     |
| 3 <sup>rd</sup> Party Test Confirmation and Finished Product Inspection | ASTM D2412, D2992, D3262, D3567, D3681; SOP PRO-50.01      | LA County Sanitation District Special Provisions<br><br>City of LA Spec. Section 011101<br><br>Project-specific Requirements | Composite Pipe          |





## *Accredited Inspection Body*

A2LA has accredited

### **ELEMENT MATERIALS TECHNOLOGY HOUSTON LLC**

*Houston, TX*

for technical competence in and compliance with the

## Inspection Body Accreditation Program

This inspection body is accredited in accordance with the recognized International Standard ISO/IEC 17020:2012 *Conformity Assessment – Requirements for the operation of various types of bodies performing inspection*. This accreditation demonstrates technical competence for a defined scope and the operation of a quality management system.

Presented this 22<sup>nd</sup> day of January 2019.

A handwritten signature in blue ink, consisting of a stylized, cursive name.

Senior Director, Accreditation Services  
For the Accreditation Council  
Certificate Number 1480.07  
Valid to December 31, 2020

