



SCOPE OF ACCREDITATION TO ISO/IEC 17020:2012

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

INSPECTION BODY

Valid To: December 31, 2024

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

<b>Test/Inspection:</b>	<b>Specification(s)/ Requirements</b>	<b>Further Description of Inspection Activities</b>	<b>Product Type(s):</b>
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, ASTM D2992, ASTM D3262, ASTM D3567, ASTM D3681; SOP PRO-50.01	LA County Sanitation District Special Provisions  City of LA Spec. Section 011101  Project-specific Requirements	Composite Pipe



## Accredited Inspection Body

A2LA has accredited

### ELEMENT HOUSTON - YORKTOWN

*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 28<sup>th</sup> day of December 2022.

A blue ink signature of Mr. Trace McInturff, written in a cursive style.

Mr. Trace McInturff, Vice President, Accreditation Services  
For the Accreditation Council  
Certificate Number 1480.07  
Valid to December 31, 2024