



2810 Clark Avenue • St. Louis, MO 63103-2574 • (314) 531-8080 • FAX (314) 531-8085
 Chemical, Metallurgical, Mechanical, Nondestructive, Environmental Testing, Analyses and Field Service.

**St. Louis Testing Laboratories (a Subsidiary of Industrial Inspection & Analysis, Inc.)
 Supplier Quality Questionnaire Data**

General Information	
Supplier Name:	St. Louis Testing Laboratories (a Subsidiary of Industrial Inspection & Analysis, Inc.)
Service Provided:	Industrial Testing Services
Date Company Established	1929
Street Address:	2810 Clark Avenue, St. Louis, MO 63103
Phone Number:	314-531-8080
Fax Number:	314-531-8085
Web Address:	https://labinc.com/ or https://industrial-ia.com/
Email:	testlab@labinc.com
Organization Type:	S-Corporation
EIN:	43-0746663
DUNS:	03-109-0806
NAICS:	541380
SIC:	541990
CAGE CODE:	5G062
Quality System Certifications:	ISO 17025:2017 (A2LA) and Nadcap Aerospace Quality System (AC 7004)
Other Certifications	Joint ISO-ILAC-IAF Communique, Boeing D1-4426 Approved Processor, Nadcap Materials Testing (AC7101), Nadcap Non Destructive Testing (AC7114), FAA Air Agency (NI2R032L), Clark County Approved Agency (IA-22129-RN08132021), MO Drinking Water Certified, and Consumer Product Safety Commission Accredited for Chemical and Mechanical Testing (A2LA).
ITAR Registered:	N/A, St. Louis Testing Laboratories does not export defense and military related technologies
Facility Sq. Ft.:	25,000
Hours of Operation:	8:00-4:30, M-F
Number of Employees:	70
Primary Business:	Testing Services—NDT, Mechanical, Chemical, Metallurgical and Environmental
Major Customers:	Boeing, Ameren, Watlow, Federal Mogul, Gardner Denver, Dynegy
Client Audits Allowed	Yes
Security Policy?	Yes
Disaster Recovery Plan?	Yes
Contact Information	
General (Name, Title, E-mail, Phone):	Don Baumer, Lab Director, don.baumer@industrial-ia.com , 314-531-8080, ext. 211
Sales (Name, Title, E-mail, & Phone):	Tim Bollinger, Asst. Lab Director, tim.bollinger@industrial-ia.com , 314-531-8080, ext. 220
Invoice (Name, Title, E-mail, & Phone):	Liz Newton, Accounting, stlaccounting@industrial-ia.com , 314-531-8080, ext. 248
Q.A. (Name, Title, E-mail, & Phone):	Ken Seise, Q.A. Director, ken.seise@industrial-ia.com , 314-531-8080, ext. 322
Director-Environmental & Chemical Test	Jacob Long, jacob.long@industrial-ia.com , 314-531-8080, ext. 258
Manager-Environmental Testing	Kim Kostelac, kim.kostelac@industrial-ia.com , 314-531-8080, ext. 227
Director-Mechanical Testing	Karl Schmitz, karl.schmitz@industrial-ia.com , 314-531-8080 ext. 231
Metallurgical Testing Manager	Nick Holtmann, nicholas.holtmann@industrial-ia.com , 314-531-8080 ext. 235
NDT Technical Manager	Juergen Bloch, juergen.bloch@industrial-ia.com , 314-531-8080 ext. 223
NDT Operations Manager	Daren Larose, daren.larose@industrial-ia.com , 314-531-8080 ext. 213



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

ST. LOUIS TESTING LABORATORIES, INC.
A SUBSIDIARY OF
INDUSTRIAL INSPECTION & ANALYSIS, INC.
2810 Clark Avenue
St. Louis, MO 63103
Don Baumer Phone: 314 531 8080

MECHANICAL

Valid To: July 31, 2023

Certificate Number: 0397.02

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following tests on metallic and non-metallic materials:

Test Technologies

Test Method(s)

Tension (Elevated Temperature to 1000 °C) (Up to 120,000 lbs)	ASTM A370, ASTM B557, ASTM D412, ASTM D638, ASTM E8/E8M, ASTM E21, ASTM F606/F606M; ASME SA370
Impact Charpy	ASTM E23, ASTM A370; API 5L 1104; ASME (Section IX QW-140); AWS B2.1/B2.1M (Section 4.7.7), AWS D1.1/D1.1M (Section 4.27), AWS D1.5/D1.5M (Section 5.16.4); EN 10045-1
Gardner Izod	ASTM D2794 ASTM D256
Tear Strength	ASTM D624 (Sections 4.2.2, 4.2.3 and 4.2.4)
Flexural Properties	ASTM D790
Metallographic Evaluation	
Inclusion Content	ASTM E45 (Method A)
Graphite in Cast Iron	ASTM A247
Decarburization	ASTM E1077 (Sections 7.2, 7.3 and 7.4); SAE J419 (Sections 4.1 and 4.2)
Grain Size	ASTM E112 (Section 10)
Case Depth	SAE J423 (Sections 5.2 and 6.3)
Plating Thickness	ASTM B487

Test Technologies**Test Method(s)**

Corrosion Testing	ASTM A262 (Practices A and E), ASTM G28, ASTM G31, ASTM G34, ASTM G36, ASTM G48 (Method A)
Coating Weight	ASTM A90/A90M, ASTM A428/A428M
Salt Water Spray	ASTM B117, ASTM D1654
Humidity Testing	ASTM D2247
Coefficient of Friction	ASTM C1028-07e1 ¹ (withdrawn 2014), ASTM D1894
Compression Testing	ASTM E9, ASTM D695
Shear Testing	ASTM D1002
Hardenability	ASTM A255
Macroetch	ASTM E340; API 5L 1104; ASME (Section IX QW-140); AWS B2.1/B2.1M (Annex G), AWS D1.1/D1.1M (Sections 4.9.4 & 4.22.2), AWS D1.2 (Annex H), AWS D1.5/D1.5M (Section 5.18.2)
Hardness	
Brinell (500-3000) kg	ASTM A833, ASTM E10
Rockwell (A, B, C, 15N, 30N, 45N, 15T, 30T, 45T)	ASTM E18
Durometer (Shore A and D)	ASTM D2240
Pencil	ASTM D3363
Microhardness	ASTM E384/E92
Vickers (100, 500g)	
Macrohardness	ASTM E92
Vickers (10kgf)	
Leeb Rebound Method	ASTM A956
Bend	API 5L (Section 10.2.4), API 5L 1104 (Sections 5 & 6); ASME (Section IX QW-140); AWS B2.1/2.1M (Annex A), AWS D1.1/D1.1M (Section 4.9.3.1), AWS D1.2/D1.2M (Section 3.8), AWS D1.5/D1.5M (Section 5.18.3)

¹ This laboratory's scope contains withdrawn or superseded methods. As a clarifier, this indicates that the applicable method itself has been withdrawn or is now considered "historical" and not that the laboratory's accreditation for the method has been withdrawn.



Test Technologies

Taber Abrasion

Weld Operator & Procedure Qualification

Failure Analysis

Test Method(s)

ASTM D4060

API 5L 1104 (Sections 5 & 6);
ASME (Section IX Articles II & III);
AWS B2.1/2.1M,
AWS D1.1/1.1M (Section 4 Parts B & C),
AWS D1.2/D1.2M (Section 2 Parts C & D),
AWS D1.3/D1.3M (Section 4 Parts B & C),
AWS D1.5/D1.5M (Section 5 Parts A & B),
AWS D1.6/D1.6M (Section 4 Parts A & B),
AWS D1.8/D1.8M, D17.1/D17.1M (Section 5)

Using the methods listed above (and on Scope of Accreditation 0397.01) in accordance with the ASM Handbook Volume 11





Accredited Laboratory

A2LA has accredited

ST. LOUIS TESTING LABORATORIES, INC. A SUBSIDIARY OF INDUSTRIAL INSPECTION & ANALYSIS, INC.

St. Louis, MO

for technical competence in the field of

Mechanical Testing

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 9th day of August 2021.

A blue ink signature of the Vice President of Accreditation Services.

Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 0397.02
Valid to July 31, 2023

For the tests to which this accreditation applies, please refer to the laboratory's Mechanical Scope of Accreditation.



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

ST. LOUIS TESTING LABORATORIES, INC.
A SUBSIDIARY OF
INDUSTRIAL INSPECTION & ANALYSIS, INC.
2810 Clark Avenue
St. Louis, MO 63103
Don Baumer Phone: 314 531 8080

CHEMICAL

Valid To: July 31, 2023

Certificate Number: 0397.01

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory for tests on the following products and materials: steel, stainless steel, aluminum and alloys, brass and bronze, copper and alloys, titanium, zinc coating, nickel and cobalt alloys, polymers, paint, metallic coatings, polymer coatings, glass and ceramic materials¹.

Test Technologies

Test Method(s)

ICP-AES (Alloys and Lead)

ASTM F963 (Section 4.3.5.1(2)),
ASTM E1613, ASTM E2594;
ICP-SLTL-002 (Rev. 1)²;
16 CFR Part 1303;
CPSC-CH-E1001-08,
CPSC-CH-E1002-08,
CPSC-CH-E1003-09

Gas Chromatography Mass Spectrometry

CPSC-CH-C1001-09.4;
16 CFR Part 1308

X-Ray Fluorescence Spectroscopy (XRF, PMI)

ASTM E2119,
ASTM E572;
16 CFR Part 1303

¹ The Consumer Product Safety Improvement Act (CPSIA) requires that every children's product subject to a federal consumer product safety requirement be tested by a Consumer Product Safety Commission (CPSC) accepted laboratory for compliance with the applicable federal children's product safety requirements. Accreditation by A2LA does not infer acceptance by the CPSC. Please verify this organization's acceptance status by using the CPSC's searchable database, located at <http://www.cpsc.gov/cgi-bin/labsearch/>.

² In-house method using modified ASTM E2594.

Test Technologies**Test Method(s)**

Optical Emission Spectroscopy of Steel Alloys, Stainless Steels, Cast Iron, Aluminum Alloys (Al, Ar, B, Be, Bi, Bo, C, Ca, Co, Cr, Cu, Fe, Ga, Li, Mg, Mn, Mo, N, Na, Nb, Ni, P, Pb, S, Sb, Si, Sn, Sr, Ti, V, Zn, Zr)	ASTM E415, ASTM E1086, ASTM E1999, ASTM E1251
Combustion Analysis (C and S)	ASTM E1019
SEM/EDS	ASTM E1508
Fourier Transform Infrared Spectroscopy	ASTM E1252
Thermographic Analysis	ASTM D6370
Differential Scanning Calorimetry	ASTM D3418
Cathodic Disbondment	ASTM G95
Coating Permeability	ASTM E96/E96M
Coating Adhesion	ASTM D4541
Soluble Migrated Elements	ASTM F2075 (Sections 4.5.2 and 8)
Soluble Element Test	ASTM F963-17 (Sections 4.3.5.1 (2), 4.3.5.2, and 8.3)
Phthalates	16 CFR 1308; CPSC-CH-C1001-09.4 (2018)





Accredited Laboratory

A2LA has accredited

ST. LOUIS TESTING LABORATORIES, INC. A SUBSIDIARY OF INDUSTRIAL INSPECTION & ANALYSIS, INC.

St. Louis, MO

for technical competence in the field of

Chemical Testing

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 9th day of August 2021.

A blue ink signature of the Vice President of Accreditation Services.

Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 0397.01
Valid to July 31, 2023

For the tests to which this accreditation applies, please refer to the laboratory's Chemical Scope of Accreditation.



*Joint ISO-ILAC-IAF
Communique on the
Management Systems Requirements of ISO/IEC 17025,
General Requirements for the competence of testing and
calibration laboratories*

*A laboratory's fulfillment of the requirements of ISO/IEC 17025 means the laboratory meets both the technical competence requirements and **management system requirements** that are necessary for it to consistently deliver technically valid test results and calibrations. The **management system requirements** in ISO/IEC 17025 are written in language relevant to laboratory operations and operate generally in accordance with the principles of ISO 9001.*

A handwritten signature in blue ink, appearing to read 'K. Madri', written over a horizontal line.

ISO Acting Secretary General

A handwritten signature in black ink, appearing to read 'Mette Malmqvist Nilsson', written over a horizontal line.

ILAC Chair

A handwritten signature in black ink, appearing to be in Chinese characters, written over a horizontal line.

IAF Chair



BE10034157

ST LOUIS TESTING LABS, INC.
2810 CLARK AVE
SAINT LOUIS, MO 63103-2574
UNITED STATES

Contact Name: Don Baumer
Phone: 314-531-8080
Fax: 314-531-8085

* An acronym in the "Nadcap Commodity" column only indicates that [Nadcap accreditation may be required](#) for this Process Code. It does not provide any indication of this company's actual Nadcap accreditation status.

Detail Information for Processor Code number: BE10034157	
Supplier Name: ST LOUIS TESTING LABS INC	
Address:	2810 CLARK AVE.
City/town:	SAINT LOUIS
Province/state:	MO 63103-2574
Country:	UNITED STATES
Area:	MO
Contact Name:	Don Baumer
Title:	Lab Director
Phone:	314-531-8080
Fax:	314-531-8085

Process Code	*Nadcap Commodity	Limitation Codes	Doc Notes	Nomenclature	Specification Number
001	AQS	None	None	Boeing approved QMS as defined in D1-4426 Processor Requirements Sec 6.16.1	Quality System
420A	NDT	None	.	Standard Practice for Radiographic Inspection	ASTM-E-1742
421	NDT	None	.	Radiologic Inspection/Radiography (film)	BSS 7041
443	NDT	None	Type II UT and Type III UT only, SLTL not allowed to accept RT results for H-47 rotor repair.	Nondestructive Inspection of Composite Parts - Structures	BAC 5980
803	MTL	None	None	Metallurgical Testing	Met. Testing
810	CP	None	None	Salt Spray Testing	ASTM-B-117
849A	NDT	None	None	NDI Personnel Certification Level 3 Penetrant	NAS 410
850A	NDT	A12	None	NDI Personnel Certification Level 3 Radiographic	NAS 410
851A	NDT	A12	None	NDI Personnel Certification Level 3 Ultrasonic	NAS 410
L421	NDT	None	None	Radiographic Inspection	DPS4.736
L430B	NDT	None	None	Ultrasonic Inspection - Composite Structures	DPS4.738-2
S410A	NDT	P3	None	Penetrant Inspection - Aluminum	PS21202
S410E	NDT	P3	None	Penetrant Inspection - Low Alloy Steels	PS21202
S410H	NDT	P3	None	Penetrant Inspection - Stainless Steels	PS21202
S410K	No Nadcap Commodity Code	None	.	Penetrant Inspection - Injection Molded / Composites	PS21202
S430	NDT	None	None	Ultrasonic Inspection	PS21211
S430C	NDT	None	None	Ultrasonic Inspection - Machined Parts / Thin Mat-I	PS21211.3



Aerojet Rocketdyne Proprietary

Date: 7/14/2020

Attention: Mr. Don Baumer, Assistant Lab Director
Company: St. Louis Test Lab
Address: 2810 CLARK AVE SAINT LOUIS MO 63103-2574
Supplier Code: 112157-SAINTE LOUIS

Subject: Special Process Systems Audit Approval
Process: Nondestructive Test (NDT)

St. Louis Test Lab is granted initial approval to perform NDT under the fixed designation to:

- ASTM E1417; Standard Practice for Liquid Penetrant Testing.
 - Limited to: Type I, Method A, Sensitivity 2 and 3, Form D.
- AMS STD 2154; Inspection, Ultrasonic, Wrought Metals Process for.
 - Limited to: Type I or II, A-Scan only.

Note: Aerojet Rocketdyne CSP / NDT Systems Certification approval may be rejected whenever there is a valid reason to question the quality, process control, or if there is proof that the responsibilities for this approval are unfulfilled.

Approval was based on final acceptance of corrective/preventative actions plans for the Nonconformance Notice(s) issued on N/A.

Thank you again for your cooperation completing the Risk Assessment survey enabling Aerojet Rocketdyne to satisfy our customer requirements. This letter of acknowledgment is being provided for your records and future reference. The satisfactory results of this survey along with the performance of your organization will be reviewed in Jul-22.

Supplier Portal Gateway, Ref. Link: <https://accessto.rocket.com>

Very truly yours,

Jeff
Ragonese

Digitally signed by: Jeff Ragonese
DN: CN = Jeff Ragonese, email = jeffey.ragonese@rocket.com, C = US, O = SQA / NDT OU = 5411
Quality
Date: 2020.07.14 15:53:02 -0500

Jeffrey Ragonese
Specialist Engineer, Quality Assurance
PO Box 109600, M/S: 717-40
West Palm Beach FL 33410-9600
561.972.0275
Email: Jeffrey.Ragonese@rocket.com

cc: Supplier Portal
SAR10438



This certificate is granted and awarded by the authority of the Nadcap Management Council to:

***St. Louis Testing Laboratories, Inc. a subsidiary of
Industrial Inspection & Analysis, Inc.***

*2810 Clark Ave
Saint Louis, MO 63103-2574
United States*

This certificate demonstrates conformance and recognition of accreditation for specific services, as listed in www.eAuditNet.com on the Qualified Manufacturers List (QML), to the revision in effect at the time of the audit for:

Aerospace Quality System (AC7004)

Certificate Number: 4442205558
Expiration Date: 28 February 2025
Accreditation Length: 36 Months

Jay Solomond
Executive Vice President & Chief Operating Officer

SCOPE OF COMPLIANCE

Aerospace Quality System

St. Louis Testing Laboratories, Inc. a subsidiary of Industrial Inspection & Analysis, Inc.
2810 Clark Ave
Saint Louis, MO 63103-2574

This certificate expiration is updated based on periodic audits. The current expiration date and scope of accreditation are listed at: www.eAuditNet.com - Online QML (Qualified Manufacturer Listing).

In recognition of the successful completion of the PRI evaluation process, accreditation is granted to this facility to perform the following:

AC7000 - AUDIT CRITERIA FOR NADCAP ACCREDITATION

AC7004 Rev G - Nadcap Audit Criteria for Quality Management System (to be used on audits BEFORE 06-Mar-2022)



This certificate is granted and awarded by the authority of the Nadcap Management Council to:

***St. Louis Testing Laboratories, Inc. a subsidiary of
Industrial Inspection & Analysis, Inc.***

*2810 Clark Ave
Saint Louis, MO 63103-2574
United States*

This certificate demonstrates conformance and recognition of accreditation for specific services, as listed in www.eAuditNet.com on the Qualified Manufacturers List (QML), to the revision in effect at the time of the audit for:

Materials Testing Laboratories

Certificate Number: 4442209118
Expiration Date: 29 February 2024
Accreditation Length: 18 Months

Jay Solomond
Executive Vice President & Chief Operating Officer

SCOPE OF ACCREDITATION

Materials Testing Laboratories

St. Louis Testing Laboratories, Inc. a subsidiary of Industrial Inspection & Analysis, Inc.
2810 Clark Ave
Saint Louis, MO 63103-2574

This certificate expiration is updated based on periodic audits. The current expiration date and scope of accreditation are listed at: www.eAuditNet.com - Online QML (Qualified Manufacturer Listing).

In recognition of the successful completion of the PRI evaluation process, accreditation is granted to this facility to perform the following:

AC7000 - AUDIT CRITERIA FOR NADCAP ACCREDITATION

AC7101/1 Rev G - Nadcap Audit Criteria for Materials Testing Laboratories – General Requirements for All Laboratories (to be used on/after 5 May 2019)

AC7101/4 Rev F - Nadcap Audit Criteria for Materials Testing Laboratories – Metallography and Microindentation Hardness (to be used on/after 14 August, 2016)

(L0) Metallographic Evaluation

(L11) Grain Size

AC7101/6 Rev D - Nadcap Audit Criteria for Materials Testing Laboratories – Corrosion (to be used on/after 1 July 2018)

(Q) Salt Spray

ISO/IEC - Currently accredited by an ILAC approved source

Lab Type - Lab Type

Independent

Merit

Merit



This certificate is granted and awarded by the authority of the Nadcap Management Council to:

***St. Louis Testing Laboratories, Inc. a subsidiary of
Industrial Inspection & Analysis, Inc.***

*2810 Clark Ave
Saint Louis, MO 63103-2574
United States*

This certificate demonstrates conformance and recognition of accreditation for specific services, as listed in www.eAuditNet.com on the Qualified Manufacturers List (QML), to the revision in effect at the time of the audit for:

NonDestructive Testing

Certificate Number: 4442205652
Expiration Date: 29 February 2024
Accreditation Length: 24 Months

Jay Solomond
Executive Vice President & Chief Operating Officer

Merit

Merit

SCOPE OF ACCREDITATION

NonDestructive Testing

St. Louis Testing Laboratories, Inc. a subsidiary of Industrial Inspection & Analysis, Inc.
2810 Clark Ave
Saint Louis, MO 63103-2574

This certificate expiration is updated based on periodic audits. The current expiration date and scope of accreditation are listed at: www.eAuditNet.com - Online QML (Qualified Manufacturer Listing).

In recognition of the successful completion of the PRI evaluation process, accreditation is granted to this facility to perform the following:

AC7000 - AUDIT CRITERIA FOR NADCAP ACCREDITATION

AC7114 Rev P - Nadcap Audit Criteria for NonDestructive Testing (NDT) Auditees Accreditation Program (to be used on/AFTER 24-Oct-2021)

AC7114S Rev O - Nadcap Supplemental Audit Criteria for NonDestructive Testing (NDT) Auditees Accreditation Program (to be used on audits BEFORE 19-Jun-2022)

S-U11 The Boeing Company

S-U14 SAFRAN

AC7114/1 Rev N - Nadcap Audit Criteria for NonDestructive Testing Facility Penetrant Survey (to be used on/after 02 May 2021)

AC7114/1S Rev N - Nadcap Supplemental Audit Criteria for NonDestructive Testing Facility Penetrant Survey (to be used on audits BEFORE 12-Dec-2021)

S-U11 The Boeing Company

AC7114/3 Rev N - Nadcap Audit Criteria for Non Destructive Testing Facility Ultrasonic Survey (to be used on audits on/after 08-Aug-2021)

AC7114/3S Rev N - AC7114/3S Rev N - Nadcap Supplemental Audit Criteria for NonDestructive Testing Facility Ultrasonic Survey (to be used on audits BEFORE 12-Dec-2021)

S-U11 The Boeing Company

S-U14 SAFRAN

AC7114/4 Rev N - Nadcap Audit Criteria for NonDestructive Testing Facility Film Radiography Survey (to be used on audits on/after 05-January-2020)

AC7114/4S Rev N - Nadcap Supplemental Audit Criteria for NonDestructive Testing Facility

St. Louis Testing Laboratories, Inc. a subsidiary of Industrial
Inspection & Analysis, Inc.
Saint Louis, MO

#2

Film Radiography Survey (to be used on audits BEFORE 12-Dec-2021)

S-U11 The Boeing Company



Beechcraft

BY TEXTRON AVIATION

CESSNA AUTHORIZED INDEPENDENT NDI FACILITYSM

*This is to certify that **St. Louis Testing Laboratories, Inc.** has complied with the requirements of the Cessna Citation NDI Certification Program. Companies holding this certificate are approved to perform nondestructive inspections on Cessna Citation aircraft. This certificate is valid for the following method(s).*

Certified Methods	
Radiography	Yes
Eddy Current	Yes
Ultrasonic	Yes
Liquid Penetrant	Yes
Magnetic Particle	Yes
Bond Testing	N/A

Certification No.: C-113
Date Issued: May 19, 2022
Expiration Date: May 25, 2023

Approved By: Michael Daehling
Cessna Citation NDI Certification Program
Customer Service Engineering - NDE

UNITED STATES OF AMERICA
DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

Air Agency Certificate

Number N12R032L

This certificate is issued to

ST. LOUIS TESTING LABORATORIES, INC.

whose business address is

2810 CLARK AVENUE
ST. LOUIS, MO 63103-2574

*upon finding that its organization complies in all respects
with the requirements of the Federal Aviation Regulations
relating to the establishment of an Air Agency, and is
empowered to operate an approved* REPAIR STATION

with the following ratings:

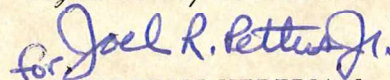
LIMITED AIRFRAME (07/12/1976)
LIMITED NON-DESTRUCTIVE TESTING (11/13/2008)

*This certificate, unless canceled, suspended, or revoked,
shall continue in effect* INDEFINITELY.

Date issued:

DECEMBER 2, 1965

By direction of the Administrator

for 

GUILLERMO HEREDIA, Jr.
MANAGER, ST. LOUIS FSDO

This Certificate is not Transferable, AND ANY MAJOR CHANGE IN THE BASIC FACILITIES, OR IN THE LOCATION THEREOF,
SHALL BE IMMEDIATELY REPORTED TO THE APPROPRIATE REGIONAL OFFICE OF THE FEDERAL AVIATION ADMINISTRATION

Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both

CLARK COUNTY DEPARTMENT OF BUILDING & FIRE PREVENTION
4701 W. Russell Rd * Las Vegas, NV 89118

CLARK COUNTY APPROVED AGENCY

Agency Name: **St. Louis Testing Laboratories subsidiary of II-A**
Agency ID#: **IA-22129-RN08132021**
Business Address: **2810 Clark Ave.**
St. Louis, MO 63103

Listing Date: 04/10/2007 Expiration Date: 08/30/2022

The above agency is approved for the items listed below:

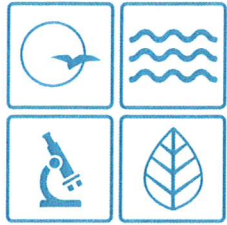
Inspection Item Approvals:

Subcontracting/Testing Approvals: FAB Steel, Ultrasonic Testing, Ultrasonic - Seismic, Magnetic Particle Testing, Penetrant Testing, Radiographic Testing,

Laboratory Approvals:

Approval is contingent upon continued compliance with Clark County Building Administrative Code, International Building Code, technical guidelines, technical codes, and all applicable referenced standards.

Jerome A. Stueve, P.E.
Director/Building & Fire Official



MISSOURI
DEPARTMENT OF
NATURAL RESOURCES

Michael L. Parson
Governor

Dru Buntin
Director

June 24, 2022

Kimberly Kostelac
St. Louis Testing Laboratories, Inc. (Lab #690)
2810 Clark Avenue
Saint Louis, MO 63103-2574

Dear Kimberly Kostelac:

The Missouri Department of Natural Resources has received an application for certification from your laboratory to conduct bacteriological analyses for public water systems. Based upon the review of this application and the recommendation of the Laboratory Certification Officer with the Missouri Department of Health and Senior Services, the Department hereby certifies the St. Louis Testing Laboratories, Inc. (a subsidiary of Industrial Inspection & Analysis, Inc.) of Saint Louis, MO under the provisions of the Missouri Safe Drinking Water Regulations to perform bacteriological analyses for the following parameters:

Total Coliform Fecal Coliform *E. coli* Heterotrophic Plate Count

Enclosed please find a certificate of approval and a certified parameter list for your laboratory. The certified parameter list references the parameters, methods of analysis, and personnel the Department has approved for your laboratory. Your certification will expire on July 31, 2025. This three-year certification is contingent upon no changes of the approved methods, analysts or equipment, and the laboratory's annual demonstration of proficiency.

Thank you for your efforts to comply with Missouri's laboratory certification requirements. Should there be any changes to your certification status, please notify this office within 30 days. Direct any notifications or inquiries related to the approval to Lauren Ferland of my staff, who may be reached at P.O. Box 176, Jefferson City, MO 65102, or by telephone at 573-526-0135.

Sincerely,

WATER PROTECTION PROGRAM

David J. Lamb, Chief
Public Drinking Water Branch

DJL/lf

Enclosures

c: Ashley Mehmert, Department of Health and Senior Services
Saint Louis Regional Office



State of Missouri
Department of Natural Resources

Certificate of Approval
for Microbiological Laboratory Service

This is to certify that


St. Louis Testing Laboratories, Inc.

is hereby approved to perform the analysis of drinking water as specified on the
Certified Parameter List, which must accompany this certificate to be valid.

Certification Number 690

Date Issued June 24, 2022

Expiration Date July 31, 2025


Laboratory Certification Authority, Public Drinking Water Branch
Missouri Department of Natural Resources


Laboratory Certification Officer, State Public Health Laboratory
Missouri Department of Health and Senior Services

MISSOURI DEPARTMENT OF NATURAL RESOURCES
DRINKING WATER LABORATORY
CERTIFIED PARAMETER LIST

This is to certify that the following personnel of the

St. Louis Testing Laboratories, Inc.

located at

2810 Clark Ave, Saint Louis, MO

have been approved to perform the indicated procedures on drinking water under the Missouri Public Drinking Water Regulations (10 CSR 60-5.020):

PERSONNEL

Kimberly Kostelac – Manager, Environmental Testing

Paul Drury – Chemist

Amparro Marr – Chemist

Lindsey Herishen – Chemist

Jonathon Williard – Chemist

Justin Banner – Chemist

PARAMETERS AND METHODS

Total Coliform: SM 9223B Enzyme Substrate (Colilert 24-Hour Presence/Absence)
SM 9223B Enzyme Substrate (Colilert 18-Hour Presence/Absence)

Fecal Coliform: SM 9222D Membrane Filtration (mFC)

E. coli: SM 9223B Enzyme Substrate (Colilert 24-Hour Presence/Absence)
SM 9223B Enzyme Substrate (Colilert 18-Hour Presence/Absence)
EPA 1603 Membrane Filtration (modified mTEC)

Heterotrophic Plate Count: SimPlate

Expiration Date: July 31, 2025

Certificate No.: 690



Click on the link below to see St. Louis Testing Laboratories, Inc. Consumer Product Safety Commission (CPSC) Approved Testing Scope:

<https://www.cpsc.gov/cgi-bin/LabSearch/ViewDetail.aspx?ReqId=PWPkfGJyq5fseR7wQockBQ%3d%3d&LabId=EwB1YkB3P91pWrE2BPs2mA%3d%3d>



United States Department of State
Bureau of Political-Military Affairs
Directorate of Defense Trade Controls
Washington, D.C. 20522-0112

Donald Baumer
Laboratory Director
St. Louis Testing Laboratories, Inc.
2810 Clark Avenue
St. Louis, MO 63103

2022-10-03

REGISTRANT CODE: M46915
EXPIRATION DATE: 2023-10-31

Reference: DDTC Manufacturer Registration Statement and Fee Submission

Dear Donald Baumer:

The Office of Defense Trade Controls Compliance (DTCC) received your registration statement and fee to register as a manufacturer. Your registration code is M46915, which expires on 2023-10-31.

Any person who engages in the United States in the business of manufacturing or exporting or temporarily importing defense articles or furnishing defense services is required to register and keep that registration current with this office pursuant to the Arms Export Control Act (AECA) and the International Traffic in Arms Regulations (ITAR). A registration is current if the registration is unexpired and has accurate and up-to-date information.

Registration is a precondition to submitting an application for an export license or other approval from the Directorate of Defense Trade Controls (DDTC) or to use ITAR exemptions but does not confer any export rights or privileges. In addition, if you also plan to engage in brokering activities pursuant to ITAR Part 129, you must register as a broker with DDTC.

As the senior officer empowered to sign the registration statement, you should ensure that your organization maintains records regarding: 1) The senior officer listed on the registration who will oversee the compliance program and be responsible for designating the direct employees who will serve as “empowered officials” for their organization; and 2) The qualified, direct employees who will serve as “empowered officials,” listed by name, position, business unit, phone and fax numbers and email addresses. Please note that third parties (i.e., individuals who are not direct employees, such as consultants, subcontractors, or outside counsel, for example) cannot serve as “empowered officials.”

Also, ITAR Section 122.5 requires you to maintain records concerning your registration and the manufacture, acquisition and disposition of defense articles; the provision of defense services; and information on political contributions, fees, or commissions furnished or obtained, as required by ITAR Part 130. Records maintained shall be available at all times for inspection and copying by DTCC or Customs officials. To ensure such records are maintained in accordance with ITAR Section 122.5, the organization should provide appropriate training on AECA and ITAR requirements to all employees who will be performing recordkeeping functions and ensure they comply with the ITAR. Ramifications for the failure to comply may include shipment delay and/or shipment seizure by Customs and Border Protection, loss of export privileges, and/or criminal or civil penalties.

Further, if your organization has foreign-person employees, including officers and senior managers,

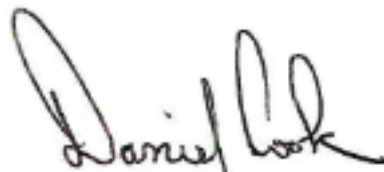
your organization must first obtain a license or other approval before providing such foreign-person employees with access to any ITAR-controlled technical data. It is also prohibited to provide defense services or export defense articles to subsidiaries/affiliates located in proscribed countries under ITAR Section 126.1 (for example, the People's Republic of China, North Korea, Syria, etc.). You should caution your organization's employees not to discuss the substance of ITAR-controlled information with foreign-person employees without first obtaining a license or other approval from DDTC.

You may refer to the DDTC website for a Compliance Guide at <http://www.pmdtdc.state.gov/> and then click on ITAR Compliance tab, next click on How to Comply tab. The DDTC website also includes a copy of the ITAR, explanations of export licensing procedures, how to submit a license application, country sanctions, individuals / companies debarred by the Department of State, and other export matters. The website also includes procedures for requesting a commodity jurisdiction determination (ITAR Section 120.4) should you have doubt as to whether an article, services, or data is covered by the ITAR Part 121 (the U.S. Munitions List).

You may submit your organization's registration renewal up to 60 days before the registration expiration date. At latest, your registration must be received at least 30 days prior to the expiration date to avoid a lapse in registration. You should also ensure your organization's Registration is current before applying for export licenses or other approvals. Also, if appropriate, DTCC requests you to keep your registration information current by submitting amendment requests via DECCS Registration system.

For general registration related questions, please contact the DDTC Response Team at 202-663-1282 or by email at DDTCCustomerService@state.gov. For questions related to this matter, please contact April White at 2026322879.

Sincerely,

A handwritten signature in black ink that reads "Daniel Cook". The signature is written in a cursive style with a large initial "D" and "C".

Daniel Cook
Chief, Registration, Compliance, & Analysis
Office of Defense Trade Controls Compliance

Request for Taxpayer Identification Number and Certification

Give Form to the requester. Do not send to the IRS.

Go to www.irs.gov/FormW9 for instructions and the latest information.

Print or type. See Specific Instructions on page 3.	<p>1 Name (as shown on your income tax return). Name is required on this line; do not leave this line blank. St. Louis Testing Laboratories, Inc.</p> <p>2 Business name/disregarded entity name, if different from above</p> <p>3 Check appropriate box for federal tax classification of the person whose name is entered on line 1. Check only one of the following seven boxes.</p> <p><input type="checkbox"/> Individual/sole proprietor or single-member LLC <input type="checkbox"/> C Corporation <input checked="" type="checkbox"/> S Corporation <input type="checkbox"/> Partnership <input type="checkbox"/> Trust/estate</p> <p><input type="checkbox"/> Limited liability company. Enter the tax classification (C=C corporation, S=S corporation, P=Partnership) ▶ _____</p> <p>Note: Check the appropriate box in the line above for the tax classification of the single-member owner. Do not check LLC if the LLC is classified as a single-member LLC that is disregarded from the owner unless the owner of the LLC is another LLC that is not disregarded from the owner for U.S. federal tax purposes. Otherwise, a single-member LLC that is disregarded from the owner should check the appropriate box for the tax classification of its owner.</p> <p><input type="checkbox"/> Other (see instructions) ▶ _____</p>	<p>4 Exemptions (codes apply only to certain entities, not individuals; see instructions on page 3):</p> <p>Exempt payee code (if any) _____</p> <p>Exemption from FATCA reporting code (if any) _____</p> <p><small>(Applies to accounts maintained outside the U.S.)</small></p>
	<p>5 Address (number, street, and apt. or suite no.) See instructions. 2810 Clark Avenue</p> <p>6 City, state, and ZIP code St. Louis, MO 63103</p> <p>7 List account number(s) here (optional)</p>	<p>Requester's name and address (optional)</p>

Part I Taxpayer Identification Number (TIN)

Enter your TIN in the appropriate box. The TIN provided must match the name given on line 1 to avoid backup withholding. For individuals, this is generally your social security number (SSN). However, for a resident alien, sole proprietor, or disregarded entity, see the instructions for Part I, later. For other entities, it is your employer identification number (EIN). If you do not have a number, see *How to get a TIN*, later.

Note: If the account is in more than one name, see the instructions for line 1. Also see *What Name and Number To Give the Requester* for guidelines on whose number to enter.

Social security number									
or									
Employer identification number									
4	3	-	0	7	4	6	6	6	3

Part II Certification

Under penalties of perjury, I certify that:

- The number shown on this form is my correct taxpayer identification number (or I am waiting for a number to be issued to me); and
- I am not subject to backup withholding because: (a) I am exempt from backup withholding, or (b) I have not been notified by the Internal Revenue Service (IRS) that I am subject to backup withholding as a result of a failure to report all interest or dividends, or (c) the IRS has notified me that I am no longer subject to backup withholding; and
- I am a U.S. citizen or other U.S. person (defined below); and
- The FATCA code(s) entered on this form (if any) indicating that I am exempt from FATCA reporting is correct.

Certification instructions. You must cross out item 2 above if you have been notified by the IRS that you are currently subject to backup withholding because you have failed to report all interest and dividends on your tax return. For real estate transactions, item 2 does not apply. For mortgage interest paid, acquisition or abandonment of secured property, cancellation of debt, contributions to an individual retirement arrangement (IRA), and generally, payments other than interest and dividends, you are not required to sign the certification, but you must provide your correct TIN. See the instructions for Part II, later.

Sign Here	Signature of U.S. person ▶ <i>Amber Augusti</i>	Date ▶ <i>01/05/2022</i>
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General Instructions

Section references are to the Internal Revenue Code unless otherwise noted.

Future developments. For the latest information about developments related to Form W-9 and its instructions, such as legislation enacted after they were published, go to www.irs.gov/FormW9.

Purpose of Form

An individual or entity (Form W-9 requester) who is required to file an information return with the IRS must obtain your correct taxpayer identification number (TIN) which may be your social security number (SSN), individual taxpayer identification number (ITIN), adoption taxpayer identification number (ATIN), or employer identification number (EIN), to report on an information return the amount paid to you, or other amount reportable on an information return. Examples of information returns include, but are not limited to, the following.

- Form 1099-DIV (dividends, including those from stocks or mutual funds)
- Form 1099-MISC (various types of income, prizes, awards, or gross proceeds)
- Form 1099-B (stock or mutual fund sales and certain other transactions by brokers)
- Form 1099-S (proceeds from real estate transactions)
- Form 1099-K (merchant card and third party network transactions)
- Form 1098 (home mortgage interest), 1098-E (student loan interest), 1098-T (tuition)
- Form 1099-C (canceled debt)
- Form 1099-A (acquisition or abandonment of secured property)

Use Form W-9 only if you are a U.S. person (including a resident alien), to provide your correct TIN.

If you do not return Form W-9 to the requester with a TIN, you might be subject to backup withholding. See What is backup withholding, later.



CERTIFICATE OF LIABILITY INSURANCE

12/31/2022

DATE (MM/DD/YYYY)
12/28/2021

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER Lockton Companies 3280 Peachtree Road NE, Suite #250 Atlanta GA 30305 (404) 460-3600	CONTACT NAME:	
	PHONE (A/C No. Ext):	FAX (A/C, No):
INSURED 1497115 St. Louis Testing Laboratories, Inc. 2810 Clark Avenue St. Louis MO 63103	E-MAIL ADDRESS:	
	INSURER(S) AFFORDING COVERAGE	
	INSURER A : Crum & Forster Specialty Insurance Co	NAIC # 44520
	INSURER B : Hartford Underwriters Insurance Company	30104
	INSURER C : Hartford Casualty Insurance Company	29424
	INSURER D : RSUI Indemnity Company	22314
INSURER E :		
INSURER F :		

COVERAGES CERTIFICATE NUMBER: 18116675 REVISION NUMBER: XXXXXXXX

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR	N	N	EPK-138217	12/31/2021	12/31/2022	EACH OCCURRENCE \$ 1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 250,000 MED EXP (Any one person) \$ 10,000 PERSONAL & ADV INJURY \$ 1,000,000 GENERAL AGGREGATE \$ 2,000,000 PRODUCTS - COMP/OP AGG \$ 2,000,000 \$
B	AUTOMOBILE LIABILITY	N	N	20 AB EH8093 (HI Only) 20 UEN EH8092	12/31/2021 12/31/2021	12/31/2022 12/31/2022	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000 BODILY INJURY (Per person) \$ XXXXXXXX BODILY INJURY (Per accident) \$ XXXXXXXX PROPERTY DAMAGE (Per accident) \$ XXXXXXXX
D	<input checked="" type="checkbox"/> ANY AUTO OWNED AUTOS ONLY <input type="checkbox"/> HIRED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS NON-OWNED AUTOS ONLY <input checked="" type="checkbox"/> \$1000 Ded. Comp/Coll			NHA096505	12/31/2021	12/31/2022	Excess Auto \$ 5,000,000
A	<input checked="" type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR <input type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE	N	N	EFX-119505	12/31/2021	12/31/2022	EACH OCCURRENCE \$ 10,000,000 AGGREGATE \$ 10,000,000 \$ XXXXXXXX
C	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	Y/N N	N/A	20 WE AP5RLZ	12/31/2021	12/31/2022	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTH-ER E.L. EACH ACCIDENT \$ 1,000,000 E.L. DISEASE - EA EMPLOYEE \$ 1,000,000 E.L. DISEASE - POLICY LIMIT \$ 1,000,000
A	Contractors Pollution Professional - E&O	N	N	EPK-138217	12/31/2021	12/31/2022	\$1,000,000 \$1,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)
Umbrella Liability EFX-119505 provides \$5M over auto - Excess Auto Liability NHA096505 provides \$5M excess \$5M

CERTIFICATE HOLDER

18116675
St. Louis Testing Laboratories Inc.
2810 Clark Ave
St. Louis MO 63103

CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

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