

JOHN BEL EDWARDS
GOVERNOR



CHUCK CARR BROWN, Ph.D.
SECRETARY

State of Louisiana
DEPARTMENT OF ENVIRONMENTAL QUALITY
ENVIRONMENTAL SERVICES

Read Receipt Requested

AI No. 30692
Activity No. ACC20220002
LELAP Lab ID # 02014
Accreditation Year FY 2023
Renewal due FY 2026

Mr. Teent Hoagland
Element Materials Technology Houston LLC
14805 Yorktown Plaza Dr
Houston, Texas 77040

Re: Renewal Scope of Accreditation

Dear Mr. Hoagland:

On June 29, 2022, the Louisiana Environmental Laboratory Accreditation Program (LELAP) received a renewal application for Accreditation.

The Louisiana Department of Environmental Quality's laboratory accreditation program, in accordance with Louisiana Administrative Code, Title 33, Part I, Subpart 3, Laboratory Accreditation, accredits this laboratory for Fiscal Year 2023. This accreditation does not constitute an endorsement of the suitability of the listed methods for any specific purpose. Accreditation of the environmental laboratory does not imply that a product, process, system, or person is approved by Louisiana Environmental Laboratory Accreditation Program (LELAP). The laboratory is accredited for the methods as identified on the application for accreditation; if the methods are partially identified on the application for accreditation, the laboratory is accredited for the versions listed on the current application or referenced in the laboratory standard operating procedure.

LELAP accreditation is granted only for those methods/analytes for which "STATE" is indicated as the type of accreditation. Accreditation is dependent on the laboratory's successful ongoing compliance with regulations as outlined in the Louisiana Administrative Code, Title 33, Part I, Subpart 3, Laboratory Accreditation.

The accreditation certificate is the property of the State of Louisiana. Should your accreditation be suspended or revoked, your laboratory must return the certificate of accreditation to the department and delete any electronic copies until your accreditation status is restored.

LAC 33:I.5313.A requires that the laboratory report include all relevant information. Therefore, the certificate number shall be placed in the upper right corner of all laboratory reports. If the test report

Mr. Teent Hoagland
Element Materials Technology Houston LLC
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includes results of any test for which the laboratory is not accredited, the unaccredited results must be clearly identified as such.

We request that you examine the scope of accreditation attachment for accuracy and completeness. If you find that an analyte for which you expected to be accredited is not listed, please examine your records to ensure that:

1. You have met the requirements for successful participation in proficiency test studies as outlined in LAC 33:I.4711.
2. In the case of accreditation by recognition, the requested analyte must be listed for the requested method and matrix on both the certificate issued by the Primary Accreditation Body *and* on the Louisiana application form.

If after reviewing this information, the scope and/or certificate are inaccurate, please notify us immediately.

If you have any questions, please contact your assigned assessor Mr. Joseph Kieffer, Environmental Scientist at (225) 219-3302.

Sincerely,



Tonya Landry
Administrator
Public Participation and Permit Support Services Division

6/30/2022
Date

TL:PB:JK



STATE OF LOUISIANA
DEPARTMENT OF ENVIRONMENTAL QUALITY

Is hereby granting a Louisiana Environmental Laboratory Accreditation to



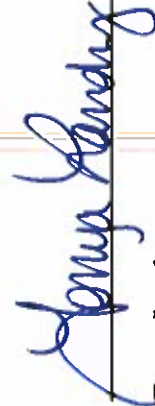
Element Materials Technology Houston LLC
14805 Yorktown Plaza Dr
Houston, Texas 77040

Agency Interest No. 30692
Activity No. ACC20220002

According to the Louisiana Administrative Code, Title 33, Part I, Subpart 3, LABORATORY ACCREDITATION, the State of Louisiana formally recognizes that this laboratory is technically competent to perform the environmental analyses listed on the scope of accreditation detailed in the attachment.

The laboratory agrees to perform all analyses listed on this scope of accreditation according to the Part I, Subpart 3 requirements and acknowledges that continued accreditation is dependent on successful ongoing compliance with the applicable requirements of Part I. Please contact the Department of Environmental Quality, Louisiana Environmental Laboratory Accreditation Program (LELAP) to verify the laboratory's scope of accreditation and accreditation status.

Accreditation by the State of Louisiana is not an endorsement or a guarantee of validity of the data generated by the laboratory. Accreditation of the environmental laboratory does not imply that a product, process, system, or person is approved by LELAP. To be accredited initially and maintain accreditation, the laboratory agrees to participate in two single-blind, single-concentration PT studies, where available, per year for each field of testing for which it seeks accreditation or maintains accreditation as required in LAC 33:1.4711.



Tonya Landry
Administrator
Public Participation and Permit Support Services Division

Issued Date: 6/30/2022

Effective Date: July 1, 2022
Expiration Date: June 30, 2023
Certificate Number: 02014



STATE OF LOUISIANA
DEPARTMENT OF ENVIRONMENTAL QUALITY

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14805 Yorktown Plaza Dr, Houston, Texas 77040

Certificate Number: 02014

Air Emissions

Analyte	Method Name	Method Code	Type	AB
3885 - Oxides of nitrogen	EPA 20	1250	State	LA
3895 - Oxygen	EPA 20	1250	State	LA
4010 - Sulfur dioxide	EPA 20	1250	State	LA
1441 - Sampling	EPA 106	1771	State	LA
4055 - Visible emissions from coke oven batteries	EPA 22	1846	State	LA
100592 - PEMS Certification	CEMS Performance Specification 16	2774	State	LA
1441 - Sampling	CEMS Performance Specification 16	2774	State	LA
1441 - Sampling	EPA 0011	10001806	State	LA
1441 - Sampling	EPA 0023A	10002207	State	LA
1441 - Sampling	EPA 0031	10002605	State	LA
1441 - Sampling	EPA 0050	10003006	State	LA
1441 - Sampling	EPA 0060	10003404	State	LA
1441 - Sampling	EPA 0061	10003608	State	LA
1441 - Sampling	EPA 11	10004109	State	LA
1441 - Sampling	EPA 18	10011300	State	LA
3885 - Oxides of nitrogen	CEMS Performance Specification 2	10214627	State	LA
1441 - Sampling	CEMS Performance Specification 2	10214627	State	LA
4010 - Sulfur dioxide	CEMS Performance Specification 2	10214627	State	LA
3755 - Carbon dioxide	CEMS Performance Specification 3	10214638	State	LA
3895 - Oxygen	CEMS Performance Specification 3	10214638	State	LA
1441 - Sampling	CEMS Performance Specification 3	10214638	State	LA
3780 - Carbon monoxide	CEMS Performance Specification 4	10214649	State	LA
1441 - Sampling	CEMS Performance Specification 4	10214649	State	LA
3780 - Carbon monoxide	CEMS Performance Specification 4A	10214650	State	LA
1441 - Sampling	CEMS Performance Specification 4A	10214650	State	LA
1441 - Sampling	CEMS Performance Specification 5	10214661	State	LA
3970 - Total reduced sulfur	CEMS Performance Specification 5	10214661	State	LA
1441 - Sampling	CEMS Performance Specification 6	10214672	State	LA
3995 - Stack gas velocity, volume flow rate	CEMS Performance Specification 6	10214672	State	LA
3840 - Hydrogen sulfide	CEMS Performance Specification 7	10214683	State	LA
1441 - Sampling	CEMS Performance Specification 7	10214683	State	LA
1441 - Sampling	EPA CTM-027	10214707	State	LA
3780 - Carbon monoxide	CEMS Performance Specification 4B	10214796	State	LA
3895 - Oxygen	CEMS Performance Specification 4B	10214796	State	LA
1441 - Sampling	CEMS Performance Specification 4B	10214796	State	LA
100076 - Traverse Points	EPA Method 1	10246614	State	LA
3780 - Carbon monoxide	EPA Method 10	10246625	State	LA
3796 - Total Gaseous Organic Compounds	EPA Method 18	10246636	State	LA
1441 - Sampling	EPA Method 19	10246647	State	LA
3995 - Stack gas velocity, volume flow rate	EPA Method 2	10246669	State	LA
1441 - Sampling	EPA Method 23	10246705	State	LA
1441 - Sampling	EPA Method 25A	10246749	State	LA
3796 - Total Gaseous Organic Compounds	EPA Method 25A	10246749	State	LA
3755 - Carbon dioxide	EPA Method 3A	10247684	State	LA
3895 - Oxygen	EPA Method 3A	10247684	State	LA
1441 - Sampling	EPA Method 3A	10247684	State	LA
3755 - Carbon dioxide	EPA Method 3B	10247695	State	LA
3895 - Oxygen	EPA Method 3B	10247695	State	LA
1441 - Sampling	EPA Method 3B	10247695	State	LA

Clients and Customers are urged to verify the laboratory's current certification status with the Louisiana Environmental Laboratory Accreditation Program.

Air Emissions

Analyte	Method Name	Method Code	Type	AB
3847 - Modified Method 5 Sampling Train	EPA 0010	10250201	State	LA
1441 - Sampling	EPA 0030	10251000	State	LA
1441 - Sampling	EPA 315	10277153	State	LA
1441 - Sampling	EPA 13B	10402105	State	LA
3845 - Hydrogen sulfide, carbonyl sulfide, carbon disulfide	EPA 15	10402207	State	LA
1441 - Sampling	EPA 15	10402207	State	LA
1441 - Sampling	EPA 15A	10402309	State	LA
3970 - Total reduced sulfur	EPA 15A	10402309	State	LA
1441 - Sampling	EPA 17	10402707	State	LA
3915 - Particulates	EPA 201A	10402901	State	LA
3950 - Particulates <10 um	EPA 201A	10402901	State	LA
1441 - Sampling	EPA 201A	10402901	State	LA
1441 - Sampling	EPA 202	10403006	State	LA
1441 - Sampling	EPA Method 26A	10403200	State	LA
1441 - Sampling	EPA Method 29 (CVAA)	10403302	State	LA
1441 - Sampling	EPA Method 29 (FAA)	10403404	State	LA
1441 - Sampling	EPA Method 29 (GFAA)	10403506	State	LA
1441 - Sampling	EPA Method 29 (ICP)	10403608	State	LA
1441 - Sampling	EPA Method 29 (ICP-MS)	10403700	State	LA
3765 - Carbon dioxide, oxygen, dry molecular weight	EPA Method 3	10403766	State	LA
3850 - Moisture content	EPA Method 4	10404258	State	LA
1441 - Sampling	EPA 5	10404305	State	LA
1441 - Sampling	EPA 5A	10404407	State	LA
1441 - Sampling	EPA 5B	10404509	State	LA
1441 - Sampling	EPA 5F	10404805	State	LA
1441 - Sampling	EPA 6	10405206	State	LA
4010 - Sulfur dioxide	EPA Method 6C	10405411	State	LA
1441 - Sampling	EPA Method 7E	10405911	State	LA
1441 - Sampling	EPA 8	10406005	State	LA
3880 - Opacity	EPA Method 9	10406403	State	LA
1441 - Sampling	ASTM D1946-90, Rev.1990	30024465	State	LA
1441 - Sampling	NCASI 98.01	60031358	State	LA
1441 - Sampling	NCASI 99.02	60031654	State	LA

Non Potable Water

Analyte	Method Name	Method Code	Type	AB
NONE	NONE	NONE	NONE	NONE

Solid Chemical Materials

Analyte	Method Name	Method Code	Type	AB
NONE	NONE	NONE	NONE	NONE

Biological Tissue

Analyte	Method Name	Method Code	Type	AB
NONE	NONE	NONE	NONE	NONE

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