

JOHN BEL EDWARDS
GOVERNOR



CHUCK CARR BROWN, PH.D.
SECRETARY

State of Louisiana
DEPARTMENT OF ENVIRONMENTAL QUALITY
ENVIRONMENTAL SERVICES

Read Receipt Requested

AI No. 85668
Activity No. ACC20180001
LELAP Lab ID # 03099
Accreditation Year FY 2019
Renewal due FY 2021

Mr. Scott A. Brown
Clean Air Engineering
500 W Wood St
Palatine, Illinois 60067

Re: Scope of Accreditation

Dear Mr. Brown:

On March 8, 2018, the Louisiana Environmental Laboratory Accreditation Program (LELAP) received a request for an amendment to your Scope of Accreditation. LELAP amends the Scope issued June 27, 2017 to change the primary accreditation body (AB) from Louisiana Department of Environmental Quality to American Association for Laboratory Accreditation (A2LA). LELAP further amends the Scope to include the parameters requested. Additions are highlighted in the attached scope.

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 2019. 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 LELAP. The laboratory is accredited for the method as identified on the application for accreditation; if the method is 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 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 Dr. Kimberly Hamilton-Wims, Environmental Scientist at (225) 219-3302.

Sincerely,



Cheryl Sonnier Nolan
Administrator
Public Participation and Permit Support Services Division

22 June 2018
Date

CSN:PB:klw



**STATE OF LOUISIANA
DEPARTMENT OF ENVIRONMENTAL QUALITY**

Is hereby granting a Louisiana Environmental Laboratory Accreditation to



Clean Air Engineering

500-W Wood St

Palatine, Illinois 60067

Agency Interest No. 85668

Activity No. ACC20180001

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:I.4711.

A handwritten signature in blue ink, appearing to read "CPL".

Cheryl Sonnier Nolan
Administrator
Public Participation and Permit Support Services Division

Issued Date:

22 June 2018

Effective Date: July 1, 2018

Expiration Date: June 30, 2019

Certificate Number: 03099



STATE OF LOUISIANA
DEPARTMENT OF ENVIRONMENTAL QUALITY

Effective Date: July 1, 2018

500 W Wood St, Palatine, Illinois 60067

Certificate Number: 03099

Clean Air Engineering
AI Number: 85668
Activity No. ACC20180001
Expiration Date: June 30, 2019

Air Emissions

Analyte	Method Name	Method Code	Type	AB
1441 - Sampling ^{a, b, c, d, e, f, g, h, i, j, k}	EPA 204B	710	A2LA	LA
3880 - Opacity ^{a, b, c, d, e, f, g, h, i, j, k}	CEMS Performance Specification 1	753	A2LA	LA
1441 - Sampling ^{a, b, c, d, e, f, g, h, i, j, k}	EPA 20	1250	A2LA	LA
1441 - Sampling ^{a, b, c, d, e, f, g, h, i, j, k}	EPA 204D	1257	A2LA	LA
100200 - Landfill gas production flow rate ^{a, b, c, d, e, f, g, h, i, j, k}	EPA 2E	1275	A2LA	LA
3995 - Stack gas velocity, volume flow rate ^{a, b, c, d, e, f, g, h, i, j, k}	EPA 2F	1276	A2LA	LA
3995 - Stack gas velocity, volume flow rate ^{a, b, c, d, e, f, g, h, i, j, k}	EPA 2G	1277	A2LA	LA
3995 - Stack gas velocity, volume flow rate ^{a, b, c, d, e, f, g, h, i, j, k}	EPA 2H	1278	A2LA	LA
1441 - Sampling ^{a, b, c, d, e, f, g, h, i, j, k}	EPA 106	1771	A2LA	LA
4055 - Visible emissions from coke oven batteries ^{a, b, c, d, e, f, g, h, i, j, k}	EPA 22	1846	A2LA	LA
1441 - Sampling ^{a, b, c, d, e, f, g, h, i, j, k}	EPA Method 29	1861	A2LA	LA
3970 - Total reduced sulfur ^{a, b, c, d, e, f, g, h, i, j, k}	EPA 16C	2564	A2LA	LA
1441 - Sampling ^{a, b, c, d, e, f, g, h, i, j, k}	EPA 0011	10001806	A2LA	LA
1441 - Sampling ^{a, b, c, d, e, f, g, h, i, j, k}	EPA 0023A	10002207	A2LA	LA
1441 - Sampling ^{a, b, c, d, e, f, g, h, i, j, k}	EPA 0031	10002605	A2LA	LA
1441 - Sampling ^{a, b, c, d, e, f, g, h, i, j, k}	EPA 0050	10003006	A2LA	LA
1431 - Midget Impinger HCl/Cl ₂ Sampling Train ^{a, b, c, d, e, f, g, h, i, j, k}	EPA 0051	10003200	A2LA	LA
1441 - Sampling ^{a, b, c, d, e, f, g, h, i, j, k}	EPA 0060	10003404	A2LA	LA
1441 - Sampling ^{a, b, c, d, e, f, g, h, i, j, k}	EPA 0061	10003608	A2LA	LA
1441 - Sampling ^{a, b, c, d, e, f, g, h, i, j, k}	EPA 18	10011300	A2LA	LA
1441 - Sampling ^{a, b, c, d, e, f, g, h, i, j, k}	EPA 316	10055706	A2LA	LA
3885 - Oxides of nitrogen ^{a, b, c, d, e, f, g, h, i, j, k}	CEMS Performance Specification 2	10214627	A2LA	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
3895 - Oxygen ^{a, b, c, d, e, f, g, h, i, j, k}	CEMS Performance Specification 3	10214638	A2LA	LA
3780 - Carbon monoxide ^{a, b, c, d, e, f, g, h, i, j, k}	CEMS Performance Specification 4	10214649	A2LA	LA
1441 - Sampling ^{a, b, c, d, e, f, g, h, i, j, k}	CEMS Performance Specification 5	10214661	A2LA	LA
3995 - Stack gas velocity, volume flow rate ^{a, b, c, d, e, f, g, h, i, j, k}	CEMS Performance Specification 6	10214672	A2LA	LA
1441 - Sampling ^{a, b, c, d, e, f, g, h, i, j, k}	CEMS Performance Specification 7	10214683	A2LA	LA
3780 - Carbon monoxide ^{a, b, c, d, e, f, g, h, i, j, k}	EPA CTM-030	10214741	A2LA	LA
3885 - Oxides of nitrogen ^{a, b, c, d, e, f, g, h, i, j, k}	EPA CTM-030	10214741	A2LA	LA
3895 - Oxygen ^{a, b, c, d, e, f, g, h, i, j, k}	EPA CTM-030	10214741	A2LA	LA
1773 - Hydrogen Cyanide ^{a, b, c, d, e, f, g, h, i, j, k}	EPA OTM-029, Rev.2011	10217535	A2LA	LA
100076 - Traverse Points ^{a, b, c, d, e, f, g, h, i, j, k}	EPA Method 1	10246614	A2LA	LA
3780 - Carbon monoxide ^{a, b, c, d, e, f, g, h, i, j, k}	EPA Method 10	10246625	A2LA	LA
3780 - Carbon monoxide ^{a, b, c, d, e, f, g, h, i, j, k}	CEMS Performance Specification 4A	10246650	A2LA	LA
3995 - Stack gas velocity, volume flow rate ^{a, b, c, d, e, f, g, h, i, j, k}	EPA Method 2	10246669	A2LA	LA
3795 - Total enclosure criteria ^{a, b, c, d, e, f, g, h, i, j, k}	EPA Method 204	10246670	A2LA	LA
1441 - Sampling ^{a, b, c, d, e, f, g, h, i, j, k}	EPA Method 23	10246705	A2LA	LA
1441 - Sampling ^{a, b, c, d, e, f, g, h, i, j, k}	EPA Method 25	10246738	A2LA	LA
3796 - Total Gaseous Organic Compounds ^{a, b, c, d, e, f, g, h, i, j, k}	EPA Method 25A	10246749	A2LA	LA
3895 - Oxygen ^{a, b, c, d, e, f, g, h, i, j, k}	EPA Method 3A	10247684	A2LA	LA
4547 - Emission Rate Correction Factors ^{a, b, c, d, e, f, g, h, i, j, k}	EPA Method 3B	10247695	A2LA	LA
3847 - Modified Method 5 Sampling Train ^{a, b, c, d, e, f, g, h, i, j, k}	EPA 0010	10250201	A2LA	LA
1441 - Sampling ^{a, b, c, d, e, f, g, h, i, j, k}	EPA 0030	10251000	A2LA	LA
1441 - Sampling ^{a, b, c, d, e, f, g, h, i, j, k}	EPA 101	10401000	A2LA	LA
1441 - Sampling ^{a, b, c, d, e, f, g, h, i, j, k}	EPA 101A	10401204	A2LA	LA
1441 - Sampling ^{a, b, c, d, e, f, g, h, i, j, k}	EPA 12 (FAA)	10401908	A2LA	LA
1441 - Sampling ^{a, b, c, d, e, f, g, h, i, j, k}	EPA 13A	10402003	A2LA	LA

Clean Air Engineering

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Analyte	Method Name	Method Code	Type	AB
1441 - Sampling ^{a, b, c, d, e, f, g, h, i, j, k}	EPA 13B	10402105	A2LA	LA
1441 - Sampling ^{a, b, c, d, e, f, g, h, i, j, k}	EPA 15	10402207	A2LA	LA
1441 - Sampling ^{a, b, c, d, e, f, g, h, i, j, k}	EPA 15A	10402309	A2LA	LA
1441 - Sampling ^{a, b, c, d, e, f, g, h, i, j, k}	EPA 16	10402401	A2LA	LA
3950 - Particulates <10 um ^{a, b, c, d, e, f, g, h, i, j, k}	EPA 201	10402809	A2LA	LA
1441 - Sampling ^{a, b, c, d, e, f, g, h, i, j, k}	EPA 201A	10402901	A2LA	LA
1441 - Sampling ^{a, b, c, d, e, f, g, h, i, j, k}	EPA 202	10403006	A2LA	LA
1441 - Sampling ^{a, b, c, d, e, f, g, h, i, j, k}	EPA 26	10403108	A2LA	LA
1441 - Sampling ^{a, b, c, d, e, f, g, h, i, j, k}	EPA Method 26A	10403200	A2LA	LA
4000 - Stack gas velocity, volume flow rate in small stacks/ducts ^{a, b, c, d, e, f, g, h, i, j, k}	EPA Method 2A	10403744	A2LA	LA
4000 - Stack gas velocity, volume flow rate in small stacks/ducts ^{a, b, c, d, e, f, g, h, i, j, k}	EPA Method 2C	10403755	A2LA	LA
3765 - Carbon dioxide, oxygen, dry molecular weight ^{a, b, c, d, e, f, g, h, i, j, k}	EPA Method 3	10403766	A2LA	LA
1441 - Sampling ^{a, b, c, d, e, f, g, h, i, j, k}	EPA 30B	10404203	A2LA	LA
3974 - Total Vapor Phase Mercury ^{a, b, c, d, e, f, g, h, i, j, k}	EPA 30B	10404203	A2LA	LA
3850 - Moisture content ^{a, b, c, d, e, f, g, h, i, j, k}	EPA Method 4	10404258	A2LA	LA
1441 - Sampling ^{a, b, c, d, e, f, g, h, i, j, k}	EPA 5	10404305	A2LA	LA
1441 - Sampling ^{a, b, c, d, e, f, g, h, i, j, k}	EPA 5A	10404407	A2LA	LA
1441 - Sampling ^{a, b, c, d, e, f, g, h, i, j, k}	EPA 5B	10404509	A2LA	LA
1441 - Sampling ^{a, b, c, d, e, f, g, h, i, j, k}	EPA Method 5D	10404601	A2LA	LA
1441 - Sampling ^{a, b, c, d, e, f, g, h, i, j, k}	EPA 5E	10404703	A2LA	LA
1441 - Sampling ^{a, b, c, d, e, f, g, h, i, j, k}	EPA 5F	10404805	A2LA	LA
1441 - Sampling ^{a, b, c, d, e, f, g, h, i, j, k}	EPA 6	10405206	A2LA	LA
4010 - Sulfur dioxide ^{a, b, c, d, e, f, g, h, i, j, k}	EPA Method 6C	10405411	A2LA	LA
3885 - Oxides of nitrogen ^{a, b, c, d, e, f, g, h, i, j, k}	EPA Method 7E	10405911	A2LA	LA
4020 - Sulfuric acid mist, sulfur dioxide ^{a, b, c, d, e, f, g, h, i, j, k}	EPA 8	10406005	A2LA	LA
3880 - Opacity ^{a, b, c, d, e, f, g, h, i, j, k}	EPA Method 9	10406403	A2LA	LA

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1441 - Sampling ^{a, b, c, d, e, f, g, h, i, j, k}	NCASI CI/SG/PULP-94.02	60031245	A2LA	LA
1441 - Sampling ^{a, b, c, d, e, f, g, h, i, j, k}	NCASI METHOD ISS/FP-A105.01	60031756	A2LA	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

^aAccreditation for Mobile Lab VIN#: 1WC200G2811097523

^bAccreditation for Mobile Lab VIN#: 1WC200G2811097148

^cAccreditation for Mobile Lab VIN#: 1WC200G2841107312

^dAccreditation for Mobile Lab VIN#: 1WC200G2641107311

^eAccreditation for Mobile Lab VIN#: 1WC200G2441109073

^fAccreditation for Mobile Lab VIN#: 1WC200J2381120774

^gAccreditation for Mobile Lab VIN#: 1WC200G2611097147

^hAccreditation for Mobile Lab VIN#: 1wc200j2791124568

ⁱAccreditation for Mobile Lab VIN#: 1WC200G291114451

^jAccreditation for Mobile Lab VIN#: 5NHUAMV249V327844

^kAccreditation for Mobile Lab VIN#: 1WC200J20C1192704