



State of Louisiana
DEPARTMENT OF ENVIRONMENTAL QUALITY
ENVIRONMENTAL SERVICES

September 12, 2014

LELAP Lab ID # 03099
AI No. 85668
Accreditation Year FY 2015
Renewal due FY 2018

Mr. Mark Roach
Clean Air Engineering
321 Century Plaza Ste 130
Houston, Texas 77073

Re: Scope of Accreditation

Dear Mr. Roach:

The Louisiana Environmental Laboratory Accreditation Program (LELAP) corrects the Scope of Accreditation issued July 1, 2014 per the notice received from Mr. Mark Roach on August 29, 2014. The following methods have been reinstated: Opacity by CEMS Performance Specification (CEMS PS) 1; carbon monoxide by CEMS PS 4 and 4A; stack gas velocity and volume flow rate by CEMS PS 6, and EPA 2F, 2G, 2H, 2A, and 2C; sampling by CEMS PS 5 and 7, and EPA 0023A, 0031, 0050, 101, 101A, 106, 12 (FAA), 13A, 13B, 15A, 30B, 5A and 5D; midge impinger HCl/Cl₂ sampling train by EPA 005; landfill gas production flow rate by EPA 2E; oxygen, oxides of nitrogen and carbon monoxide by EPA CTM-030; carbon dioxide, oxygen, and dry molecular weight by EPA 3; and emission rate correction factors by EPA 3B in air emissions.

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 2015. This accreditation does not constitute an endorsement of the suitability of the listed methods for any specific purpose. 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.

National Environmental Laboratory Accreditation Program (NELAP) accreditation is granted only for those methods/analytes for which "NELAP" is indicated as the type of accreditation. "STATE" is indicated as the type of accreditation for those methods/analytes for which accreditation by the Louisiana Environmental Laboratory Accreditation Program (LELAP) is granted. 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, and with the standards adopted by the NELAP Accreditation Council.

Mr. Mark Roach
Clean Air Engineering
September 12, 2014
Page 2 of 2

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 and/or NELAC 5.5.10.1 require 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 and in the NELAC Standard 2.7.2.
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. Jacqueline A. Prudente, Environmental Scientist at (225) 219-1355.

Sincerely,



Lourdes Iturralde
Administrator
Notifications and Accreditations Section
OES, Public Participation and Permit Support Services Division

LI:PB:jap



**STATE OF LOUISIANA
DEPARTMENT OF ENVIRONMENTAL QUALITY**

Is hereby granting a Louisiana Environmental Laboratory Accreditation to



**Clean Air Engineering
321 Century Plaza Ste 130
Houston, Texas 77073**

Agency Interest No. 85668

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. 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.

Lourdes Iturralde, Administrator
Notifications and Accreditations Section
Public Participation and Permit Support Services Division

Certificate Number: 03099

**Expiration Date: June 30, 2015
Issued On: July 1, 2014**



321 Century Plaza Ste 130, Houston, Texas 77073

Certificate Number: 03099

Air Emissions

Analyte	Method Name	Method Code	Type	AB
1441 - Sampling	EPA 204B	710	State	LA
3880 - Opacity	CEMS Performance Specification 1	753	State	LA
100025 - Sampling	CEMS Performance Specification 7	760	State	LA
100025 - Sampling	EPA 20	1250	State	LA
100025 - Sampling	EPA 204D	1257	State	LA
100200 - Landfill gas production flow rate	EPA 2E	1275	State	LA
3995 - Stack gas velocity, volume flow rate	EPA 2F	1276	State	LA
3995 - Stack gas velocity, volume flow rate	EPA 2G	1277	State	LA
3995 - Stack gas velocity, volume flow rate	EPA 2H	1278	State	LA
100025 - Sampling	EPA 106	1771	State	LA
4055 - Visible emissions from coke oven batteries	EPA 22	1846	State	LA
100025 - Sampling	EPA Method 29	1861	State	LA
3970 - Total reduced sulfur	EPA 16C	2564	State	LA
100025 - Sampling	EPA 0011	10001806	State	LA
100025 - Sampling	EPA 0023A	10002207	State	LA
100025 - Sampling	EPA 0031	10002605	State	LA
100025 - Sampling	EPA 0050	10003006	State	LA
100051 - Midget Impinger HCl/Cl ₂ Sampling Train	EPA 0051	10003200	State	LA
100025 - Sampling	EPA 0060	10003404	State	LA
100025 - Sampling	EPA 0061	10003608	State	LA
100025 - Sampling	EPA 18	10011300	State	LA
100025 - Sampling	EPA 316	10055706	State	LA
3885 - Oxides of nitrogen	CEMS Performance Specification 2	10214627	State	LA
3895 - Oxygen	CEMS Performance Specification 3	10214638	State	LA
3780 - Carbon monoxide	CEMS Performance Specification 4	10214649	State	LA
100025 - Sampling	CEMS Performance Specification 5	10214661	State	LA
3995 - Stack gas velocity, volume flow rate	CEMS Performance Specification 6	10214672	State	LA
3780 - Carbon monoxide	EPA CTM-030	10214741	State	LA
3885 - Oxides of nitrogen	EPA CTM-030	10214741	State	LA
3895 - Oxygen	EPA CTM-030	10214741	State	LA
1773 - Hydrogen Cyanide	EPA OTM-029, Rev.2011	10217535	State	LA
100076 - Traverse Points	EPA Method 1	10246614	State	LA
3780 - Carbon monoxide	EPA Method 10	10246625	State	LA
3780 - Carbon monoxide	CEMS Performance Specification 4A	10246650	State	LA
3995 - Stack gas velocity, volume flow rate	EPA Method 2	10246669	State	LA
3795 - Total enclosure criteria	EPA Method 204	10246670	State	LA
100025 - Sampling	EPA Method 23	10246705	State	LA
100025 - Sampling	EPA Method 25	10246738	State	LA
100023 - Total Gaseous Organic Compounds	EPA Method 25A	10246749	State	LA
3895 - Oxygen	EPA Method 3A	10247684	State	LA
100142 - Emission Rate Correction Factors	EPA Method 3B	10247695	State	LA
100024 - Modified Method 5 Sampling Train	EPA 0010	10250201	State	LA
100025 - Sampling	EPA 0030	10251000	State	LA
100025 - Sampling	EPA 101	10401000	State	LA
100025 - Sampling	EPA 101A	10401204	State	LA
100025 - Sampling	EPA 12 (FAA)	10401908	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
100025 - Sampling	EPA 13A	10402003	State	LA
100025 - Sampling	EPA 13B	10402105	State	LA
100025 - Sampling	EPA 15	10402207	State	LA
100025 - Sampling	EPA 15A	10402309	State	LA
100025 - Sampling	EPA 16	10402401	State	LA
3950 - Particulates <10 um	EPA 201	10402809	State	LA
100025 - Sampling	EPA 201A	10402901	State	LA
100025 - Sampling	EPA 202	10403006	State	LA
100025 - Sampling	EPA 26	10403108	State	LA
100025 - Sampling	EPA 26A	10403200	State	LA
4000 - Stack gas velocity, volume flow rate in small stacks/ducts	EPA Method 2A	10403744	State	LA
4000 - Stack gas velocity, volume flow rate in small stacks/ducts	EPA Method 2C	10403755	State	LA
3765 - Carbon dioxide, oxygen, dry molecular weight	EPA Method 3	10403766	State	LA
100025 - Sampling	EPA 30B	10404203	State	LA
3850 - Moisture content	EPA Method 4	10404258	State	LA
100025 - Sampling	EPA 5	10404305	State	LA
100025 - Sampling	EPA 5A	10404407	State	LA
100025 - Sampling	EPA 5B	10404509	State	LA
100025 - Sampling	EPA 5D	10404601	State	LA
100025 - Sampling	EPA 5E	10404703	State	LA
100025 - Sampling	EPA 5F	10404805	State	LA
100025 - Sampling	EPA 6	10405206	State	LA
4010 - Sulfur dioxide	EPA Method 6C	10405411	State	LA
3885 - Oxides of nitrogen	EPA Method 7E	10405911	State	LA
4020 - Sulfuric acid mist, sulfur dioxide	EPA 8	10406005	State	LA
3880 - Opacity	EPA Method 9	10406403	State	LA
100025 - Sampling	NCASI CI/SG/PULP-94.02	60031245	State	LA
1441 - Sampling	NCASI METHOD ISS/FP-A105.01	60031756	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