



State of Louisiana
DEPARTMENT OF ENVIRONMENTAL QUALITY
ENVIRONMENTAL SERVICES

July 1, 2013

LELAP Lab ID # 05009
AI No. 169249
Accreditation Year FY 2014
Renewal due FY 2016

Mr. Douglas D. Rhoades
Clean Air Engineering Inc
500 W Wood St
Palatine, Illinois 60067

Re: Scope of Accreditation

Dear Mr. Rhoades:

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 2014. 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.

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.

Mr. Douglas D. Rhoades
Clean Air Engineering Inc
July 1, 2013
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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. Alicia B. Ryan, Environmental Scientist at (225) 219-1352.

Sincerely,



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

LI:PB:abr



**STATE OF LOUISIANA
DEPARTMENT OF ENVIRONMENTAL QUALITY**

Is hereby granting a Louisiana Environmental Laboratory Accreditation to



**Clean Air Engineering Inc
500 W Wood St
Palatine, Illinois 60067**

Agency Interest No. 169249

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 & Permit Support Services Division

Certificate Number: 05009

**Expiration Date: June 30, 2014
Issued On: July 1, 2013**



500 W Wood St, Palatine, Illinois 60067

Certificate Number: 05009

Air Emissions

Analyte	Method Name	Method Code	Type	AB
3805 - Fine particulates <2.5 um	EPA IP-9	752	NELAP	TX
9318 - 1,3-Butadiene	EPA 18	1813	NELAP	TX
4410 - 2-Butanone (Methyl ethyl ketone, MEK)	EPA 18	1813	NELAP	TX
4300 - Acetaldehyde	EPA 18	1813	NELAP	TX
9300 - Acetic acid	EPA 18	1813	NELAP	TX
4375 - Benzene	EPA 18	1813	NELAP	TX
100097 - Butene (all isomers)	EPA 18	1813	NELAP	TX
4747 - Ethane	EPA 18	1813	NELAP	TX
4752 - Ethene	EPA 18	1813	NELAP	TX
4765 - Ethylbenzene	EPA 18	1813	NELAP	TX
4926 - Methane	EPA 18	1813	NELAP	TX
4930 - Methanol	EPA 18	1813	NELAP	TX
4836 - Propylene	EPA 18	1813	NELAP	TX
5140 - Toluene	EPA 18	1813	NELAP	TX
5260 - Xylene (total)	EPA 18	1813	NELAP	TX
5007 - n-Butane	EPA 18	1813	NELAP	TX
4855 - n-Hexane	EPA 18	1813	NELAP	TX
5028 - n-Pentane	EPA 18	1813	NELAP	TX
5029 - n-Propane	EPA 18	1813	NELAP	TX
4930 - Methanol	EPA 308	1889	NELAP	TX
4747 - Ethane	ASTM D1946-90	2175	NELAP	TX
4926 - Methane	ASTM D1946-90	2175	NELAP	TX
3915 - Particulates	TCEQ-23	2533	NELAP	TX
3915 - Particulates	TCEQ-24	2534	NELAP	TX
1575 - Chloride	EPA 9057	10199801	NELAP	TX
1770 - Hydrochloric acid (Hydrogen chloride (gas only))	EPA 9057	10199801	NELAP	TX
1515 - Ammonia as N	EPA CTM-027	10214707	NELAP	TX
3970 - Total reduced sulfur	EPA 16A	10402503	NELAP	TX
3915 - Particulates	EPA 17	10402707	NELAP	TX
100045 - Condensable Particulate Matter	EPA 202	10403006	NELAP	TX
1541 - Bromine	EPA 26	10403108	NELAP	TX
1580 - Chlorine	EPA 26	10403108	NELAP	TX
1770 - Hydrochloric acid (Hydrogen chloride (gas only))	EPA 26	10403108	NELAP	TX
100096 - Hydrogen Bromide (HBr)	EPA 26	10403108	NELAP	TX
1775 - Hydrogen fluoride (Hydrofluoric acid)	EPA 26	10403108	NELAP	TX
1541 - Bromine	EPA 26A	10403200	NELAP	TX
1580 - Chlorine	EPA 26A	10403200	NELAP	TX
1770 - Hydrochloric acid (Hydrogen chloride (gas only))	EPA 26A	10403200	NELAP	TX
100096 - Hydrogen Bromide (HBr)	EPA 26A	10403200	NELAP	TX
1775 - Hydrogen fluoride (Hydrofluoric acid)	EPA 26A	10403200	NELAP	TX
3915 - Particulates	EPA 5	10404305	NELAP	TX
3915 - Particulates	EPA 5A	10404407	NELAP	TX
3915 - Particulates	EPA 5B	10404509	NELAP	TX
3915 - Particulates	EPA 5F	10404805	NELAP	TX

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
4010 - Sulfur dioxide	EPA 6	10405206	NELAP	TX
4010 - Sulfur dioxide	EPA 8	10406005	NELAP	TX
4020 - Sulfuric acid mist, sulfur dioxide	EPA 8	10406005	NELAP	TX

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