

JOHN BEL EDWARDS
GOVERNOR



CHUCK CARR BROWN, PH.D.
SECRETARY

State of Louisiana
DEPARTMENT OF ENVIRONMENTAL QUALITY
ENVIRONMENTAL SERVICES

Read Receipt Requested

AI No. 90396
Activity No. ACC20200001
LELAP Lab ID # 04030
Accreditation Year FY 2021
Renewal due FY 2022

Mr. Jake Fahlenkamp
Air Hygiene International Services Inc
1600 W Tacoma
Broken Arrow, Oklahoma 74012-1483

Re: Annual Scope of Accreditation

Dear Mr. Fahlenkamp:

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 2021. 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 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.

Louisiana Environmental Laboratory Accreditation Program (LELAP) accreditation is granted 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 Elizabeth West, Environmental Scientist at (318) 676-7457.

Sincerely,



Cheryl Sonnier Nolan
Administrator
Public Participation and Permit Support Services Division

25 June 2020
Date

CSN:KHW:ew



STATE OF LOUISIANA
DEPARTMENT OF ENVIRONMENTAL QUALITY

Is hereby granting a Louisiana Environmental Laboratory Accreditation to



Air Hygiene International Services Inc
1600 W Tacoma
Broken Arrow, Oklahoma 74012-1483

Agency Interest No. 90396
Activity No. ACC20200001

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.

Cheryl Sonnier Nolan
Administrator
Public Participation and Permit Support Services Division

Issued Date: 25 June 2020
Effective Date: **July 1, 2020**
Expiration Date: **June 30, 2021**
Certificate Number: **04030**



STATE OF LOUISIANA
DEPARTMENT OF ENVIRONMENTAL QUALITY

Effective Date: July 1, 2020

1600 W Tacoma, Broken Arrow, Oklahoma 74012-1483

Certificate Number: 04030

Air Hygiene International Services Inc

AI Number: 90396

Activity No. ACC20200001

Expiration Date: June 30, 2021

Air Emissions

Analyte	Method Name	Method Code	Type	AB
100244 - Nitrogen Monoxide	EPA CTM-022	1201	A2LA	LA
1845 - Nitrogen dioxide	EPA CTM-022	1201	A2LA	LA
3885 - Oxides of nitrogen	EPA CTM-022	1201	A2LA	LA
3755 - Carbon dioxide	EPA 20	1250	A2LA	LA
3885 - Oxides of nitrogen	EPA 20	1250	A2LA	LA
3895 - Oxygen	EPA 20	1250	A2LA	LA
1441 - Sampling	EPA 20	1250	A2LA	LA
4010 - Sulfur dioxide	EPA 20	1250	A2LA	LA
3995 - Stack gas velocity, volume flow rate	EPA 2B	1272	A2LA	LA
4000 - Stack gas velocity, volume flow rate in small stacks/ducts	EPA 2D	1274	A2LA	LA
100200 - Landfill gas production flow rate	EPA 2E	1275	A2LA	LA
3995 - Stack gas velocity, volume flow rate	EPA 2E	1275	A2LA	LA
3995 - Stack gas velocity, volume flow rate	EPA 2F	1276	A2LA	LA
3995 - Stack gas velocity, volume flow rate	EPA 2G	1277	A2LA	LA
3995 - Stack gas velocity, volume flow rate	EPA 2H	1278	A2LA	LA
100213 - NO2 to NO Conversion Efficiency	EPA ALT-013	1566	A2LA	LA
100540 - Fugitive Emission Frequency	EPA 22	1846	A2LA	LA
4055 - Visible emissions from coke oven batteries	EPA 22	1846	A2LA	LA
1441 - Sampling	EPA Method 29	1861	A2LA	LA
1095 - Mercury	CEMS Performance Specification 12	2571	A2LA	LA
100592 - PEMS Certification	CEMS Performance Specification 16	2774	A2LA	LA
1441 - Sampling	EPA CTM-013	2842	A2LA	LA
4020 - Sulfuric acid mist, sulfur dioxide	EPA CTM-013	2842	A2LA	LA
4815 - Formaldehyde	ASTM D6348-12	3875	A2LA	LA
3840 - Hydrogen sulfide	EPA 11	10004109	A2LA	LA
1441 - Sampling	EPA 18	10011300	State	LA
1441 - Sampling	EPA CTM-013B	10214570	A2LA	LA
4019 - Sulfuric acid mist	EPA CTM-013B	10214570	A2LA	LA
4020 - Sulfuric acid mist, sulfur dioxide	EPA CTM-013B	10214570	A2LA	LA
3885 - Oxides of nitrogen	CEMS Performance Specification 2	10214627	A2LA	LA
1441 - Sampling	CEMS Performance Specification 2	10214627	A2LA	LA
4010 - Sulfur dioxide	CEMS Performance Specification 2	10214627	A2LA	LA
3755 - Carbon dioxide	CEMS Performance Specification 3	10214638	A2LA	LA
3895 - Oxygen	CEMS Performance Specification 3	10214638	A2LA	LA
1441 - Sampling	CEMS Performance Specification 3	10214638	A2LA	LA
3780 - Carbon monoxide	CEMS Performance Specification 4	10214649	A2LA	LA
1441 - Sampling	CEMS Performance Specification 4	10214649	A2LA	LA
3780 - Carbon monoxide	CEMS Performance Specification 4A	10214650	A2LA	LA
1441 - Sampling	CEMS Performance Specification 4A	10214650	A2LA	LA
100215 - Calibration Drift and Relative Accuracy Tests	CEMS Performance Specification 6	10214672	A2LA	LA
1441 - Sampling	CEMS Performance Specification 6	10214672	A2LA	LA
3995 - Stack gas velocity, volume flow rate	CEMS Performance Specification 6	10214672	A2LA	LA
1515 - Ammonia as N	EPA CTM-027	10214707	A2LA	LA
3780 - Carbon monoxide	EPA CTM-030	10214741	A2LA	LA
3885 - Oxides of nitrogen	EPA CTM-030	10214741	A2LA	LA
3895 - Oxygen	EPA CTM-030	10214741	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
3780 - Carbon monoxide	CEMS Performance Specification 4B	10214796	A2LA	LA
3895 - Oxygen	CEMS Performance Specification 4B	10214796	A2LA	LA
1441 - Sampling	CEMS Performance Specification 4B	10214796	A2LA	LA
100076 - Traverse Points	EPA Method 1	10246614	A2LA	LA
3780 - Carbon monoxide	EPA Method 10	10246625	A2LA	LA
1441 - Sampling	EPA Method 10	10246625	A2LA	LA
4747 - Ethane	EPA Method 18	10246636	State	LA
4926 - Methane	EPA Method 18	10246636	State	LA
3796 - Total Gaseous Organic Compounds	EPA Method 18	10246636	State	LA
3885 - Oxides of nitrogen	EPA Method 19	10246647	A2LA	LA
3915 - Particulates	EPA Method 19	10246647	A2LA	LA
3940 - Particulates, SO ₂ , NO _x , sulfur removal efficiency	EPA Method 19	10246647	A2LA	LA
1441 - Sampling	EPA Method 19	10246647	A2LA	LA
100076 - Traverse Points	EPA Method 1A	10246658	A2LA	LA
3995 - Stack gas velocity, volume flow rate	EPA Method 2	10246669	A2LA	LA
100204 - Verification of Gas Dilution Systems for Field Instrument Calibration	EPA 205	10246692	A2LA	LA
1441 - Sampling	EPA Method 23	10246705	A2LA	LA
100170 - Gaseous Organic Compound Emissions	EPA Method 25A	10246749	A2LA	LA
3796 - Total Gaseous Organic Compounds	EPA Method 25A	10246749	A2LA	LA
3755 - Carbon dioxide	EPA Method 3A	10247684	A2LA	LA
3895 - Oxygen	EPA Method 3A	10247684	A2LA	LA
1441 - Sampling	EPA Method 3A	10247684	A2LA	LA
1441 - Sampling	EPA TO-12	10248201	A2LA	LA
5160 - 1,1,1-Trichloroethane	EPA 320	10274552	A2LA	LA
3803 - Extractive FTIR Specifications	EPA 320	10274552	A2LA	LA
4815 - Formaldehyde	EPA 320	10274552	A2LA	LA
3963 - Organic and Inorganic Emissions by FTIR	EPA 320	10274552	A2LA	LA
1441 - Sampling	EPA 320	10274552	A2LA	LA
4815 - Formaldehyde	EPA 323	10274585	State	LA
1441 - Sampling	EPA 323	10274585	State	LA
1441 - Sampling	EPA 12 (FAA)	10401908	A2LA	LA
1441 - Sampling	EPA 13A	10402003	A2LA	LA
3915 - Particulates	EPA 17	10402707	A2LA	LA
1441 - Sampling	EPA 17	10402707	A2LA	LA
3915 - Particulates	EPA 201A	10402901	A2LA	LA
3950 - Particulates <10 um	EPA 201A	10402901	A2LA	LA
1441 - Sampling	EPA 201A	10402901	A2LA	LA
4467 - Condensible Particulate Matter	EPA 202	10403006	A2LA	LA
3805 - Fine particulates <2.5 um	EPA 202	10403006	A2LA	LA
3915 - Particulates	EPA 202	10403006	A2LA	LA
1441 - Sampling	EPA 202	10403006	A2LA	LA
1575 - Chloride	EPA 26	10403108	A2LA	LA
1580 - Chlorine	EPA 26	10403108	A2LA	LA
1730 - Fluoride	EPA 26	10403108	A2LA	LA
1770 - Hydrochloric acid (Hydrogen chloride (gas only))	EPA 26	10403108	A2LA	LA
1775 - Hydrogen fluoride (Hydrofluoric acid)	EPA 26	10403108	A2LA	LA
3835 - Hydrogen halides and halogens	EPA 26	10403108	A2LA	LA
1441 - Sampling	EPA 26	10403108	A2LA	LA
1540 - Bromide	EPA Method 26A	10403200	A2LA	LA

Air Hygiene International Services Inc

Effective Date: July 1, 2020

Certificate Number: 04030

AI Number: 90396
Activity No. ACC20200001
Expiration Date: June 30, 2021

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
1575 - Chloride	EPA Method 26A	10403200	A2LA	LA
1580 - Chlorine	EPA Method 26A	10403200	A2LA	LA
1770 - Hydrochloric acid (Hydrogen chloride (gas only))	EPA Method 26A	10403200	A2LA	LA
1768 - Hydrogen Bromide (HBr)	EPA Method 26A	10403200	A2LA	LA
1775 - Hydrogen fluoride (Hydrofluoric acid)	EPA Method 26A	10403200	A2LA	LA
3835 - Hydrogen halides and halogens	EPA Method 26A	10403200	A2LA	LA
1441 - Sampling	EPA Method 26A	10403200	A2LA	LA
1095 - Mercury	EPA Method 29 (CVAA)	10403302	A2LA	LA
1441 - Sampling	EPA Method 29 (CVAA)	10403302	A2LA	LA
1010 - Arsenic	EPA Method 29 (GFAA)	10403506	A2LA	LA
1020 - Beryllium	EPA Method 29 (GFAA)	10403506	A2LA	LA
1030 - Cadmium	EPA Method 29 (GFAA)	10403506	A2LA	LA
1441 - Sampling	EPA Method 29 (GFAA)	10403506	A2LA	LA
1140 - Selenium	EPA Method 29 (GFAA)	10403506	A2LA	LA
1005 - Antimony	EPA Method 29 (ICP)	10403608	A2LA	LA
1010 - Arsenic	EPA Method 29 (ICP)	10403608	A2LA	LA
1015 - Barium	EPA Method 29 (ICP)	10403608	A2LA	LA
1020 - Beryllium	EPA Method 29 (ICP)	10403608	A2LA	LA
1030 - Cadmium	EPA Method 29 (ICP)	10403608	A2LA	LA
1040 - Chromium	EPA Method 29 (ICP)	10403608	A2LA	LA
1050 - Cobalt	EPA Method 29 (ICP)	10403608	A2LA	LA
1055 - Copper	EPA Method 29 (ICP)	10403608	A2LA	LA
1075 - Lead	EPA Method 29 (ICP)	10403608	A2LA	LA
1090 - Manganese	EPA Method 29 (ICP)	10403608	A2LA	LA
1105 - Nickel	EPA Method 29 (ICP)	10403608	A2LA	LA
1441 - Sampling	EPA Method 29 (ICP)	10403608	A2LA	LA
1140 - Selenium	EPA Method 29 (ICP)	10403608	A2LA	LA
1150 - Silver	EPA Method 29 (ICP)	10403608	A2LA	LA
1165 - Thallium	EPA Method 29 (ICP)	10403608	A2LA	LA
1910 - Total Phosphorus	EPA Method 29 (ICP)	10403608	A2LA	LA
1190 - Zinc	EPA Method 29 (ICP)	10403608	A2LA	LA
1005 - Antimony	EPA Method 29 (ICP-MS)	10403700	A2LA	LA
1010 - Arsenic	EPA Method 29 (ICP-MS)	10403700	A2LA	LA
1015 - Barium	EPA Method 29 (ICP-MS)	10403700	A2LA	LA
1020 - Beryllium	EPA Method 29 (ICP-MS)	10403700	A2LA	LA
1030 - Cadmium	EPA Method 29 (ICP-MS)	10403700	A2LA	LA
1040 - Chromium	EPA Method 29 (ICP-MS)	10403700	A2LA	LA
1050 - Cobalt	EPA Method 29 (ICP-MS)	10403700	A2LA	LA
1055 - Copper	EPA Method 29 (ICP-MS)	10403700	A2LA	LA
1075 - Lead	EPA Method 29 (ICP-MS)	10403700	A2LA	LA
1090 - Manganese	EPA Method 29 (ICP-MS)	10403700	A2LA	LA
1105 - Nickel	EPA Method 29 (ICP-MS)	10403700	A2LA	LA
1441 - Sampling	EPA Method 29 (ICP-MS)	10403700	A2LA	LA
1140 - Selenium	EPA Method 29 (ICP-MS)	10403700	A2LA	LA
1150 - Silver	EPA Method 29 (ICP-MS)	10403700	A2LA	LA
1165 - Thallium	EPA Method 29 (ICP-MS)	10403700	A2LA	LA
1910 - Total Phosphorus	EPA Method 29 (ICP-MS)	10403700	A2LA	LA
1190 - Zinc	EPA Method 29 (ICP-MS)	10403700	A2LA	LA
4000 - Stack gas velocity, volume flow rate in small stacks/ducts	EPA Method 2A	10403744	A2LA	LA
4000 - Stack gas velocity, volume flow rate in small stacks/ducts	EPA Method 2C	10403755	A2LA	LA
3765 - Carbon dioxide, oxygen, dry	EPA Method 3	10403766	A2LA	LA

Air Hygiene International Services Inc

Effective Date: July 1, 2020

Certificate Number: 04030

AI Number: 90396
Activity No. ACC20200001
Expiration Date: June 30, 2021

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
molecular weight				
1441 - Sampling	EPA 30B	10404203	A2LA	LA
3850 - Moisture content	EPA Method 4	10404258	A2LA	LA
3915 - Particulates	EPA 5	10404305	A2LA	LA
1441 - Sampling	EPA 5	10404305	A2LA	LA
1441 - Sampling	EPA 5A	10404407	A2LA	LA
3915 - Particulates	EPA 5B	10404509	A2LA	LA
1441 - Sampling	EPA 5B	10404509	A2LA	LA
1441 - Sampling	EPA Method 5D	10404601	A2LA	LA
3915 - Particulates	EPA 5E	10404703	A2LA	LA
1441 - Sampling	EPA 5E	10404703	A2LA	LA
3870 - Non-sulfate particulates	EPA 5F	10404805	A2LA	LA
1441 - Sampling	EPA 5F	10404805	A2LA	LA
1441 - Sampling	EPA 5G	10404907	A2LA	LA
1441 - Sampling	EPA 5H	10405002	A2LA	LA
1441 - Sampling	EPA 5I	10405104	A2LA	LA
1441 - Sampling	EPA 6	10405206	State	LA
1441 - Sampling	EPA Method 6C	10405411	A2LA	LA
4010 - Sulfur dioxide	EPA Method 6C	10405411	A2LA	LA
3885 - Oxides of nitrogen	EPA Method 7E	10405911	A2LA	LA
1441 - Sampling	EPA Method 7E	10405911	A2LA	LA
1441 - Sampling	EPA 8	10406005	A2LA	LA
4020 - Sulfuric acid mist, sulfur dioxide	EPA 8	10406005	A2LA	LA
3880 - Opacity	EPA Method 9	10406403	A2LA	LA
3780 - Carbon monoxide	ASTM D6522-00	30032587	A2LA	LA
3885 - Oxides of nitrogen	ASTM D6522-00	30032587	A2LA	LA
3895 - Oxygen	ASTM D6522-00	30032587	A2LA	LA
1095 - Mercury	ASTM D6784	30033104	A2LA	LA
1441 - Sampling	ASTM D6784	30033104	A2LA	LA
4010 - Sulfur dioxide	NCASI 8A	60031223	A2LA	LA
4019 - Sulfuric acid mist	NCASI 8A	60031223	A2LA	LA

Non Potable Water

Analyte	Method Name	Method Code	Type	AB
1540 - Bromide	EPA 300.1, Rev.1	10053608	State	LA
1575 - Chloride	EPA 300.1, Rev.1	10053608	State	LA
2000 - Sulfate	EPA 300.1, Rev.1	10053608	State	LA
1515 - Ammonia as N	EPA 350.3	10064207	State	LA
1517 - Ammonium	ASTM D6919-03	30032907	State	LA

Solid Chemical Materials

Analyte	Method Name	Method Code	Type	AB
1540 - Bromide	EPA 300.1, Rev.1	10053608	State	LA
1575 - Chloride	EPA 300.1, Rev.1	10053608	State	LA
2000 - Sulfate	EPA 300.1, Rev.1	10053608	State	LA

Biological Tissue

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

Air Hygiene International Services Inc

Effective Date: July 1, 2020

Certificate Number: 04030

AI Number: 90396
Activity No. ACC20200001
Expiration Date: June 30, 2021

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