



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. ACC20160001

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.

Cheryl Sonnier Nolan
Administrator
Public Participation and Permit Support Services Division

Issued Date: 13 June 2016
Effective Date: July 1, 2016
Expiration Date: June 30, 2017
Certificate Number: 04030



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1600 W Tacoma , Broken Arrow, Oklahoma 74012-1483

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Air Emissions

Analyte	Method Name	Method Code	Type	AB
100244 - Nitrogen Monoxide	EPA CTM-022	1201	State	LA
1845 - Nitrogen dioxide	EPA CTM-022	1201	State	LA
3885 - Oxides of nitrogen	EPA CTM-022	1201	State	LA
3755 - Carbon dioxide	EPA 20	1250	State	LA
3885 - Oxides of nitrogen	EPA 20	1250	State	LA
3895 - Oxygen	EPA 20	1250	State	LA
100025 - Sampling	EPA 20	1250	State	LA
4010 - Sulfur dioxide	EPA 20	1250	State	LA
3995 - Stack gas velocity, volume flow rate	EPA 2B	1272	State	LA
4000 - Stack gas velocity, volume flow rate in small stacks/ducts	EPA 2D	1274	State	LA
100200 - Landfill gas production flow rate	EPA 2E	1275	State	LA
3995 - Stack gas velocity, volume 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
100213 - NO2 to NO Conversion Efficiency	EPA ALT-013	1566	State	LA
100540 - Fugitive Emission Frequency	EPA 22	1846	State	LA
4055 - Visible emissions from coke oven batteries	EPA 22	1846	State	LA
100025 - Sampling	EPA Method 29	1861	State	LA
3780 - Carbon monoxide	CEMS Performance Specification 4B	2371	State	LA
3895 - Oxygen	CEMS Performance Specification 4B	2371	State	LA
100025 - Sampling	CEMS Performance Specification 4B	2371	State	LA
4815 - Formaldehyde	ASTM D6348	2475	State	LA
1095 - Mercury	CEMS Performance Specification 12	2571	State	LA
100592 - PEMS Certification	CEMS Performance Specification 16	2774	State	LA
1441 - Sampling	EPA CTM-013	2842	State	LA
4020 - Sulfuric acid mist, sulfur dioxide	EPA CTM-013	2842	State	LA
3840 - Hydrogen sulfide	EPA 11	10004109	State	LA
100025 - Sampling	EPA 18	10011300	State	LA
3885 - Oxides of nitrogen	CEMS Performance Specification 2	10214627	State	LA
100025 - 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
100025 - Sampling	CEMS Performance Specification 3	10214638	State	LA
3780 - Carbon monoxide	CEMS Performance Specification 4	10214649	State	LA
100025 - Sampling	CEMS Performance Specification 4	10214649	State	LA
100215 - Calibration Drift and Relative Accuracy Tests	CEMS Performance Specification 6	10214672	State	LA
100025 - Sampling	CEMS Performance Specification 6	10214672	State	LA
3995 - Stack gas velocity, volume flow rate	CEMS Performance Specification 6	10214672	State	LA
1515 - Ammonia as N	EPA CTM-027	10214707	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
100076 - Traverse Points	EPA Method 1	10246614	State	LA
3780 - Carbon monoxide	EPA Method 10	10246625	State	LA

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Analyte	Method Name	Method Code	Type	AB
100025 - Sampling	EPA Method 10	10246625	State	LA
4747 - Ethane	EPA 18	10246636	State	LA
4926 - Methane	EPA 18	10246636	State	LA
100023 - Total Gaseous Organic Compounds	EPA 18	10246636	State	LA
3885 - Oxides of nitrogen	EPA Method 19	10246647	State	LA
3915 - Particulates	EPA Method 19	10246647	State	LA
3940 - Particulates, SO ₂ , NO _x , sulfur removal efficiency	EPA Method 19	10246647	State	LA
100025 - Sampling	EPA Method 19	10246647	State	LA
3780 - Carbon monoxide	CEMS Performance Specification 4A	10246650	State	LA
100025 - Sampling	CEMS Performance Specification 4A	10246650	State	LA
100076 - Traverse Points	EPA Method 1A	10246658	State	LA
3995 - Stack gas velocity, volume flow rate	EPA Method 2	10246669	State	LA
100204 - Verification of Gas Dilution Systems for Field Instrument Calibration	EPA 205	10246692	State	LA
100025 - Sampling	EPA Method 23	10246705	State	LA
100170 - Gaseous Organic Compound Emissions	EPA Method 25A	10246749	State	LA
100023 - 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
100025 - Sampling	EPA Method 3A	10247684	State	LA
100025 - Sampling	EPA TO-12	10248201	State	LA
5160 - 1,1,1-Trichloroethane	EPA 320	10274552	State	LA
100021 - Extractive FTIR Specifications	EPA 320	10274552	State	LA
4815 - Formaldehyde	EPA 320	10274552	State	LA
100020 - Organic and Inorganic Emissions by FTIR	EPA 320	10274552	State	LA
100025 - Sampling	EPA 323	10274585	State	LA
4815 - Formaldehyde	EPA 323	10274585	State	LA
100025 - Sampling	EPA 12 (FAA)	10401908	State	LA
100025 - Sampling	EPA 13A	10402003	State	LA
3915 - Particulates	EPA 17	10402707	State	LA
100025 - Sampling	EPA 17	10402707	State	LA
3915 - Particulates	EPA 201A	10402901	State	LA
3950 - Particulates <10 um	EPA 201A	10402901	State	LA
100025 - Sampling	EPA 201A	10402901	State	LA
100045 - Condensible Particulate Matter	EPA 202	10403006	State	LA
3805 - Fine particulates <2.5 um	EPA 202	10403006	State	LA
3915 - Particulates	EPA 202	10403006	State	LA
100025 - Sampling	EPA 202	10403006	State	LA
1575 - Chloride	EPA 26	10403108	State	LA
1580 - Chlorine	EPA 26	10403108	State	LA
1730 - Fluoride	EPA 26	10403108	State	LA
1770 - Hydrochloric acid (Hydrogen chloride (gas only))	EPA 26	10403108	State	LA
1775 - Hydrogen fluoride (Hydrofluoric acid)	EPA 26	10403108	State	LA
3835 - Hydrogen halides and halogens	EPA 26	10403108	State	LA
100025 - Sampling	EPA 26	10403108	State	LA
1540 - Bromide	EPA 26A	10403200	State	LA
1575 - Chloride	EPA 26A	10403200	State	LA

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Analyte	Method Name	Method Code	Type	AB
1580 - Chlorine	EPA 26A	10403200	State	LA
1770 - Hydrochloric acid (Hydrogen chloride (gas only))	EPA 26A	10403200	State	LA
100096 - Hydrogen Bromide (HBr)	EPA 26A	10403200	State	LA
1775 - Hydrogen fluoride (Hydrofluoric acid)	EPA 26A	10403200	State	LA
3835 - Hydrogen halides and halogens	EPA 26A	10403200	State	LA
100025 - Sampling	EPA 26A	10403200	State	LA
1095 - Mercury	EPA Method 29 (CVAA)	10403302	State	LA
100025 - Sampling	EPA Method 29 (CVAA)	10403302	State	LA
1010 - Arsenic	EPA Method 29 (GFAA)	10403506	State	LA
1020 - Beryllium	EPA Method 29 (GFAA)	10403506	State	LA
1030 - Cadmium	EPA Method 29 (GFAA)	10403506	State	LA
100025 - Sampling	EPA Method 29 (GFAA)	10403506	State	LA
1140 - Selenium	EPA Method 29 (GFAA)	10403506	State	LA
1005 - Antimony	EPA Method 29 (ICP)	10403608	State	LA
1010 - Arsenic	EPA Method 29 (ICP)	10403608	State	LA
1015 - Barium	EPA Method 29 (ICP)	10403608	State	LA
1020 - Beryllium	EPA Method 29 (ICP)	10403608	State	LA
1030 - Cadmium	EPA Method 29 (ICP)	10403608	State	LA
1040 - Chromium	EPA Method 29 (ICP)	10403608	State	LA
1050 - Cobalt	EPA Method 29 (ICP)	10403608	State	LA
1055 - Copper	EPA Method 29 (ICP)	10403608	State	LA
1075 - Lead	EPA Method 29 (ICP)	10403608	State	LA
1090 - Manganese	EPA Method 29 (ICP)	10403608	State	LA
1105 - Nickel	EPA Method 29 (ICP)	10403608	State	LA
100025 - Sampling	EPA Method 29 (ICP)	10403608	State	LA
1140 - Selenium	EPA Method 29 (ICP)	10403608	State	LA
1150 - Silver	EPA Method 29 (ICP)	10403608	State	LA
1165 - Thallium	EPA Method 29 (ICP)	10403608	State	LA
1910 - Total Phosphorus	EPA Method 29 (ICP)	10403608	State	LA
1190 - Zinc	EPA Method 29 (ICP)	10403608	State	LA
1005 - Antimony	EPA Method 29 (ICP-MS)	10403700	State	LA
1010 - Arsenic	EPA Method 29 (ICP-MS)	10403700	State	LA
1015 - Barium	EPA Method 29 (ICP-MS)	10403700	State	LA
1020 - Beryllium	EPA Method 29 (ICP-MS)	10403700	State	LA
1030 - Cadmium	EPA Method 29 (ICP-MS)	10403700	State	LA
1040 - Chromium	EPA Method 29 (ICP-MS)	10403700	State	LA
1050 - Cobalt	EPA Method 29 (ICP-MS)	10403700	State	LA
1055 - Copper	EPA Method 29 (ICP-MS)	10403700	State	LA
1075 - Lead	EPA Method 29 (ICP-MS)	10403700	State	LA
1090 - Manganese	EPA Method 29 (ICP-MS)	10403700	State	LA
1105 - Nickel	EPA Method 29 (ICP-MS)	10403700	State	LA
100025 - Sampling	EPA Method 29 (ICP-MS)	10403700	State	LA
1140 - Selenium	EPA Method 29 (ICP-MS)	10403700	State	LA
1150 - Silver	EPA Method 29 (ICP-MS)	10403700	State	LA
1165 - Thallium	EPA Method 29 (ICP-MS)	10403700	State	LA
1910 - Total Phosphorus	EPA Method 29 (ICP-MS)	10403700	State	LA
1190 - Zinc	EPA Method 29 (ICP-MS)	10403700	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

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100025 - Sampling	EPA 30B	10404203	State	LA
3850 - Moisture content	EPA Method 4	10404258	State	LA
3915 - Particulates	EPA 5	10404305	State	LA
100025 - Sampling	EPA 5	10404305	State	LA
100025 - Sampling	EPA 5A	10404407	State	LA
3915 - Particulates	EPA 5B	10404509	State	LA
100025 - Sampling	EPA 5B	10404509	State	LA
100025 - Sampling	EPA 5D	10404601	State	LA
3915 - Particulates	EPA 5E	10404703	State	LA
100025 - Sampling	EPA 5E	10404703	State	LA
3870 - Non-sulfate particulates	EPA 5F	10404805	State	LA
100025 - Sampling	EPA 5F	10404805	State	LA
100025 - Sampling	EPA 5G	10404907	State	LA
100025 - Sampling	EPA 5H	10405002	State	LA
100025 - Sampling	EPA 5I	10405104	State	LA
100025 - Sampling	EPA 6	10405206	State	LA
100025 - Sampling	EPA Method 6C	10405411	State	LA
4010 - Sulfur dioxide	EPA Method 6C	10405411	State	LA
3885 - Oxides of nitrogen	EPA Method 7E	10405911	State	LA
100025 - Sampling	EPA Method 7E	10405911	State	LA
100025 - Sampling	EPA 8	10406005	State	LA
4020 - Sulfuric acid mist, sulfur dioxide	EPA 8	10406005	State	LA
3880 - Opacity	EPA Method 9	10406403	State	LA
3780 - Carbon monoxide	ASTM D6522-00	30032587	State	LA
3885 - Oxides of nitrogen	ASTM D6522-00	30032587	State	LA
3895 - Oxygen	ASTM D6522-00	30032587	State	LA
1095 - Mercury	ASTM D6784	30033104	State	LA
100025 - Sampling	ASTM D6784	30033104	State	LA
4010 - Sulfur dioxide	NCASI 8A	60031223	State	LA
100143 - Sulfuric acid mist	NCASI 8A	60031223	State	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