

# **SECTION 10**

## **The National Lead Laboratory Accreditation Program**

### **Environmental Accredited Lead Laboratories**

# The National Lead Laboratory Accreditation Program (NLLAP)

## Find an Accredited Lead Testing Laboratory

### *What is NLLAP?*

If you are a homeowner or prospective buyer of a home, or an owner or manager of a school or building, the presence of lead could be a concern and collection and analysis of potential sources of lead may be necessary. EPA established the National Lead Laboratory Accreditation Program (NLLAP) to recognize laboratories that demonstrate the ability to accurately analyze paint chip, dust, or soil samples for lead. Fixed-site laboratories, mobile laboratories, and testing firms that operate portable equipment are all eligible to obtain EPA recognition through NLLAP. An organization may choose to be recognized for one, two, or all three of the sample types (paint chips, dust, and soil) in NLLAP.

### *When Must Samples Be Analyzed by a Laboratory Recognized by EPA?*

In states and tribal lands where EPA is operating a federal Lead-Based Paint Activity program, any dust samples collected in a risk assessment, lead hazard screen, or clearance after a lead abatement must be analyzed by a laboratory or testing firm recognized by EPA under NLLAP.

In many states or tribal lands where the state or tribe is operating an EPA-authorized program, the same requirement for analysis of dust samples by an NLLAP-recognized laboratory or testing firm is in place. However, a state or tribe may have testing regulations that differ from the EPA requirements, even though the overall program is authorized by EPA. To be sure what the requirements are, check with the state or tribal program where you want to do sampling. For information on whether your state or tribe has a federal Lead-Based paint Activity program or a EPA-authorized state/tribal program, access the [most current state and tribal authorization map \(PDF\)](#) or call the National Lead Information Center at 1-800-424-LEAD (5323).

It is possible for a city or other local government to have its own additional regulations, so check in your locality as well for any testing requirements. In addition, a private individual may wish to have samples tested for lead. Find an [EPA-accredited laboratory](#) for lead sample analysis.

### *How Does NLLAP Work?*

NLLAP provides the public with a list of laboratories that have met EPA requirements and demonstrated the capability to accurately analyze paint chips, dust, or soil samples for lead. All laboratories recognized by NLLAP are required to undergo on-site audits conducted by accrediting organizations participating in NLLAP, and to perform successfully on a continuing basis in the Environmental Lead Proficiency Analytical Testing (ELPAT) Program. ELPAT is a laboratory performance proficiency testing program mandated by the American Industrial Hygiene Association (AIHA).

Laboratories and other testing firms on the NLLAP list follow the [Laboratory Quality System Requirements \(LQSR\), version 3 \(PDF\)](#) developed by EPA. The LQSR identifies the minimum requirements for use by accreditation organizations when evaluating laboratories performing environmental testing activities under NLLAP. It is based on requirements of the International Organization for Standardization and International Electrochemical Commission (ISO/IEC) Standard 17025:2005(E), "General requirements for the competence of testing and calibration laboratories."

Other organizations, including states, may apply to EPA to enter into a Memorandum of Understanding with EPA to become accrediting organizations in NLLAP. EPA has developed a [Model Memorandum of Understanding \(PDF\)](#) for other potential NLLAP accrediting organizations.

EPA currently recognizes five organizations as accrediting bodies for NLLAP that accredit laboratories for lead sample analysis. They are:

- [American Industrial Hygiene Association Laboratory Accreditation Programs, LLC \(AIHA LAP, LLC\) Exit](#)
- [American Association for Laboratory Accreditation \(A2LA\) Exit](#)
- [Perry Johnson Laboratory Accreditation, Inc. \(PJLA\) Exit](#)
- [ANSI-ASQ National Accreditation Board/ACCLASS Exit](#)
- [Laboratory Accreditation Bureau Exit](#)

To apply for accreditation as a lead sample analysis laboratory under NLLAP, contact one of these five accrediting bodies.

### ***What Other Information is Available on NLLAP?***

Other reports and documents related to NLLAP are listed below. These can be obtained by following the links below and accessing the documents on-line.

- [NLIC # 376] [Selecting a Laboratory for Lead Analysis: The EPA National Lead Laboratory Accreditation Program \(PDF\)](#), April 1999 (EPA 747-F-99-002)
- [NLIC # 371] [Pb-Based Paint Laboratory Operations Guidelines: Analysis of Pb in Paint, Dust, and Soil, Revision 1.0 \(PDF\)](#), May 1993 (EPA 747-R-92-006)
- [NLIC # 373] [Survey of State Lead Laboratory Accreditation Programs \(PDF\)](#), November 1996 (EPA 747-R-96-010)
- [NLIC # 377] [Laboratory Accreditation Program Guidelines: Measurement of Lead in Paint, Dust, and Soil \(PDF\)](#), March 1992 (EPA 747-R-92-001)
- [Pb-Based Paint Laboratory Accreditation: Curricula Recommendations for Assessor Training Programs, Revision 1.0 \(PDF\)](#), May 1993 (EPA 747-R-92-005). [Can be ordered by contacting the National Technical Information Service (NTIS) at 800-553-NTIS (6847) and ordering NTIS document number PB2001-105348.]
- [NLIC # 369] [National Lead Laboratory Accreditation Program: Double-Blind Proficiency Testing Pilot Study \(PDF\)](#), March 2001 (EPA 747-R-01-004)

State or Country	Accrediting* Organization	Company Name, City & Phone	Lab Type	Commercial Availability	Matrix Recognized		
					Paint Chips	Soil	Dust Wipes
AK	1	ATC Group Services, LLC Anchorage (907) 258-8661	Fixed Site	Yes	X	X	X
AZ	1	EMC Labs, Inc. Phoenix (480) 940-5294	Fixed Site	Yes	X	X	X
AZ	1	Fiberquant Analytical Services Phoenix (602) 276-6139	Fixed Site	Yes	X	X	X
AZ	1	Salt River Project Tempe 6022364132	Fixed Site	No	X		
AZ	1	TestAmerica Laboratories, Inc. Phoenix (602) 659-7679	Fixed Site	Yes		X	X
CA	1	AIH Laboratory Anaheim (562) 860-2201	Fixed Site	Yes	X	X	X
CA	1	Asbestos TEM Laboratories, Inc. Berkeley (510) 704-8930	Fixed Site	Yes	X	X	X
CA	1	Eurofins EMLab P&K Irvine (650) 228-6938	Fixed Site	Yes	X		X
CA	2	EMSL Analytical, Inc. San Leandro (510) 895-3675	Fixed Site	No	X	X	X
CA	1	Envirocheck, Inc. Burbank (714) 937-0750	Fixed Site	No	X	X	X
CA	1	Envirocheck, Inc. Orange (714) 937-0750	Fixed Site	Yes	X	X	X
CA	1	Environmental Health Laboratory, CA DPH Richmond (510) 620-2864	Fixed Site	No	X	X	X
CA	1	SGS Forensic Laboratories, Inc. Hayward (310) 294-4365	Fixed Site	Yes	X	X	X
CA	1	SGS Forensic Laboratories, Inc. Rancho Dominguez (310) 294-4365	Fixed Site	Yes	X	X	X
CA	1	H.M Pitt Labs, Inc. San Diego (619) 474-8548	Fixed Site	Yes	X	X	X

Organization accredited by:

\*American Industrial Hygiene Association = 1

\*American Association for Laboratory Accreditation = 2

\*Perry Johnson Laboratory Accreditation = 3

\*ANSI-ASQ Natl. Accreditation Board/ACCLASS = 4

State or Country	Accrediting* Organization	Company Name, City & Phone	Lab Type	Commercial Availability	Matrix Recognized		
					Paint Chips	Soil	Dust Wipes
CA	1	LA Testing South Pasadena (800) 220-3675	Fixed Site	Yes	X	X	X
CA	1	LA Testing Huntington Beach (800) 220-3675	Fixed Site	Yes	X	X	X
CA	1	Lawrence Livermore Nat'l Laboratory Livermore (925) 423-7348	Fixed Site	No	X		X
CA	1	Long Beach Public Health Laboratory Long Beach (562) 570-4262	Fixed Site	No	X	X	X
CA	1	Micro Analytical Labs, Inc. Emeryville (510) 653-0824	Fixed Site	Yes	X	X	X
CA	2	MicroTest Laboratories, Inc. Rancho Crodova 916- 567-9808	Fixed Site	Yes	X	X	X
CA	1	Navy Enviro Preventive Med Unit 5 San Diego (619) 556-1427	Fixed Site	No	X		X
CO	1	Reservoirs Environmental Services, Inc. Denver (303) 964-1986	Fixed Site	Yes	X	X	X
CT	1	EnviroMed Services, Inc. Meriden (203) 238-4846	Fixed Site	Yes	X	X	X
CT	1	State of Connecticut Dept. of Public Hth Rocky Hill (860) 509-8554	Fixed Site	No	X	X	X
DE	1	Batta Laboratories, Inc. Newark (302) 737-3376	Fixed Site	Yes	X	X	X
FL	1	EMSL Analytical, Inc. Orlando (800) 220-3675	Fixed Site	Yes	X	X	X
GA	1	Analytical Environmental Services, Inc. Atlanta (770) 457-8177	Fixed Site	Yes	X	X	X
GA	1	Materials Analytical Services, Inc. Suwanee (770) 866-3210	Fixed Site	Yes	X	X	X

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State or Country	Accrediting* Organization	Company Name, City & Phone	Lab Type	Commercial Availability	Matrix Recognized		
					Paint Chips	Soil	Dust Wipes
HI	1	Hawaii Analytical Laboratory, LLC Honolulu (808) 735-0422	Fixed Site	Yes	X	X	X
HI	2	Pearl Harbor Naval Shipyard, IMF QA Dept Pearl Harbor (808) 471-3604	Fixed Site	No	X		
IA	1	University of Iowa Hygienic Laboratory Ankeny (515) 725-1600	Fixed Site	No	X	X	X
IL	1	EMSL Analytical, Inc. Hillside (800) 220-3675 X 1256	Fixed Site	Yes	X	X	X
IL	1	Federal Occupational Health Laboratory Chicago (312) 886-0413 X 111	Fixed Site	No	X	X	X
IL	1	Illinois Dept of Public Health Chicago (312) 793-4251	Fixed Site	No	X	X	X
IL	1	Metro Technology Labortory, Inc. Chicago (312) 850-3300	Fixed Site	No			
IL	1	STAT Analysis Corporation Chicago (312) 733-0551	Fixed Site	Yes	X	X	X
IN	1	ACT Environmental Services, Inc. Indianapolis (317) 756-9320	Fixed Site	Yes	X	X	X
IN	1	EMSL Analytical, Inc. Indianapolis (800) 220-3675 X 1256	Fixed Site	Yes	X	X	X
IN	1	Marion County Health Department Indianapolis (317) 221-4672	Fixed Site	No	X	X	X
KY	1	Kentucky Cabinet for Health Services Frankfort (502) 564-4446 X 4439	Fixed Site	No	X	X	X
LA	2	EMSL Analytical Baton Rouge (223) 755-1920	Fixed Site	Yes	X	X	X
MA	1	Con-Test Analytical East Longmeadow (413) 525-2332 X41	Fixed Site	Yes	X	X	X
MA	1	EMSL Analytical Woburn (800) 220-3675	Fixed Site	Yes	X	X	X

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					Paint Chips	Soil	Dust Wipes
MA	1	ProScience Analytical Services, Inc. Woburn (781) 935-3212	Fixed Site	Yes	X	X	X
MD	1	AMA Analytical Services, Inc. Lanham (301) 459-2640	Fixed Site	Yes	X	X	X
MD	2	EMSL Analytical, Inc. Beltsville (301) 937-5700	Fixed Site	Yes	X	X	X
MD	2	Martel laboratories Towson (410) 825-7790 X 105	Fixed Site	Yes	X	X	X
MD	1	Nan Technologies, Inc. Halethorpe (410) 800-4263	Fixed Site	Yes			X
MD	2	Microbac Laboratories, Inc. Baltimore (410) 633-1800	Fixed Site	Yes	X	X	X
MD	2	US Army-Ctr Health Promotion & Prevent Med Aberdeen Proving Grounds (410) 436-8399	Fixed Site	No	X	X	X
ME	1	Health & Environmental Testing Laboratory Augusta (207) 287-1896	Fixed Site	No	X	X	X
MI	1	Apex Research Whitmore Lake (734) 449-9990	Fixed Site	Yes	X	X	X
MI	1	Accurate Analytical Testing, LLC Romulus (734) 699-5227	Fixed Site	Yes	X	X	X
MI	1	Bureau Veritas North America, Inc Novi (248) 3443028	Fixed Site	Yes	X	X	X
MI	1&2	GPI Laboratories, Inc. Grand Rapids (616) 940-3112 X122	Fixed Site	Yes	X	X	X
MI	1	Michigan Dept. of Health and Human Services Lansing (517) 335-8859	Fixed Site	No		X	X
MN	1	EMSL Analytical Minneapolis (612) 607-6457	Fixed Site	Yes	X	X	X
MN	2	Elegend Technical Services, Inc St. Paul 651-221-4078	Fixed Site	Yes	X	X	X

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MO	1	EMSL Analytical St. Louis (800) 220-3675	Fixed Site	Yes	X	X	X
MO	1	Environmental Health Laboratories Berkeley (314) 615-6833	Fixed Site	No	X	X	X
MO	1	Missouri Department of Health SPHL Jefferson City (573) 751-3334	Fixed Site	No	X	X	X
NC	1	EMSL Analytical, Inc Pineville (800) 220-3675	Fixed Site	Yes	X	X	X
NC	1	EMSL Analytical, Inc Kernersville (800) 220-3675	Fixed Site	Yes	X	X	X
NC	1	North Carolina State Lab of Public Health Raleigh 919-807-89801	Fixed Site	No	X	X	X
NC	1	Research Triangle Institute Research Triangle Park (919) 541-6366	Fixed Site	No	X	X	X
NC	1	Scientific Analytical Institute, Inc. Greensboro (336) 292-3888	Fixed Site	Yes	X	X	X
NJ	1&2	EMSL Analytical, Inc. Cinnaminson (856) 858-4800 X 5289	Fixed Site	Yes	X	X	X
NJ	1	Enviro-Probe, Inc. South Plainfield (732) 494-4600	Fixed Site	Yes	X	X	X
NJ	1	International Asbestos Testing Lab Mt. Laurel (856) 231-9449	Fixed Site	Yes	X	X	X
NY	1	Atlas Environmental Laboratory New York (212) 563-0400	Fixed Site	Yes	X		X
NY	1	Eastern Analytical Services, Inc. Elmsford (914) 592-8380	Fixed Site	Yes	X	X	X

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NY	1	EMSL Analytical, Inc. Carle Place (800) 220-3675	Fixed Site	Yes	X	X	X
NY	1	KAM Consultants Corporation Long Island City (718) 729-1997	Fixed Site	Yes	X	X	X
NY	1	Laboratory Testing Services, Inc. Long Island City (718) 389-3470	Fixed Site	Yes	X	X	X
NY	1	Metro Analytical Laboratories New York (212) 695-0165	Fixed Site	Yes			X
NY	1	SGS Galson East Syracuse (315) 671-3933	Fixed Site	Yes	X	X	X
OH	1	ALS Laboratory Group Cincinnati (513) 733-5336	Fixed Site	Yes	X	X	X
OH	1	AT Labs., a Unit of Assay Technology Boardman (330) 758-2048	Fixed Site	Yes			X
OH	2	District Board of Health Mahoning County Youngstown (330) 270-2841	Fixed Site	No	X	X	X
OH	1	USAFSAM/OEHTA Wright Patterson AFB (937) 938-3437	Fixed Site	No	X	X	X
OK	1	QuanTEM Laboratories Oklahoma City (405) 755-7272	Fixed Site	Yes	X	X	X
OR	3	WyEast Environmental Sciences Portland (503) 231-9320	Fixed Site	Yes	X		
PA	1	Criterion Laboratories, Inc. Bensalem (215) 244-1300 x28	Fixed Site	Yes	X	X	X
PA	2	Pennsylvania Department of Health Exton (610) 280-3464	Fixed Site	No	X	X	X

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					Paint Chips	Soil	Dust Wipes
PA	1	Intertek-PSI, Inc. Pittsburgh (412) 922-4000 X 286	Fixed Site	Yes	X	X	X
PA	1	R. J. Lee Group, Inc. Monroeville (724) 387-1995	Fixed Site	Yes	X	X	X
PR	1	Analytical Environmental Svcs International, Inc. Santurce (787) 722-0220	Fixed Site	Yes	X	X	X
RI	2	TTL Labs - Div.of R.I. Analytical Laboratories, Inc. Warwick (410) 737-8500 x112	Fixed Site	Yes	X	X	X
TN	1	BH&M Environmental Consultants Memphis (901) 277-5809	Fixed Site	Yes	X	X	X
TN	1	Central Laboratory, Shelby Co Health Dept Memphis (901) 544-7555	Fixed Site	Yes		X	X
TX	3	A & B Laboratories Houston (713) 453-6060	Fixed Site	Yes	X	X	X
TX	1	Armstrong Forensic Laboratory Arlington (817) 275-2691	Fixed Site	Yes	X	X	X
TX	1	Houston Health Department Laboratory Houston (832) 393-3976	Fixed Site	No	X	X	X
TX	1	CHEMTEX Port Arthur (409) 983-4575	Fixed Site	Yes	X		
TX	1	HIH Laboratory, Inc. Webster (281) 338-9000	Fixed Site	Yes	X	X	X
TX	1	J3 Resources, Inc. Houston (713) 290-0221	Fixed Site	Yes	X	X	X
UT	2	American West Analytical Laboratories Salt Lake City (801) 263-8686	Fixed Site	Yes	X	X	X
UT	1	ALS Laboratory Gorup Salt Lake City (801) 266-7700	Fixed Site	Yes	X	X	X
VA	1	Environmental Hazards Services, LLC Richmond (804) 275-4788	Fixed Site	Yes	X	X	X

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					Paint Chips	Soil	Dust Wipes
VA	1	Marine Chemist Service Newport News (757) 873-0933	Fixed Site	Yes	X	X	X
VA	1	Navy Environ & Prevent Medicine, Unit 2 CIHL Norfolk (757) 953-6562	Fixed Site	No	X		X
VA	2	Norfolk Naval Shipyard - Environ. Chem. Lab Portsmouth (757) 396-3207	Fixed Site	No	X		
VA	1	Newport News Shipbuilding Newport News (757) 688-2475	Fixed Site	Yes	X		
VA	1	SanAir Technologies Laboratory Powhatan (804) 897-1177	Fixed Site	Yes	X	X	X
VA	1	Schneider Laboratories, Inc. Richmond (804) 353-6778	Fixed Site	Yes	X	X	X
WA	1	NVL Laboratories, Inc. Seattle (206) 805-6405	Fixed Site	Yes	X	X	X
WI	1	City of Milwaukee Health Dept. Milwaukee (414) 286-3931	Fixed Site	No	X	X	X
WI	1	Wisconsin Occupational Health Lab Madison (608) 224-6216	Fixed Site	Yes	X	X	X
OM	1	18 AMDS Theater Preventive Medicine Flight Okinawa 011-81-98-938-1111	Fixed Site	Yes			X
ON/CA	1&2	EMSL Analytical, Inc. Mississauga, ON, CANADA (289) 997-4602	Fixed Site	Yes	X	X	X

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