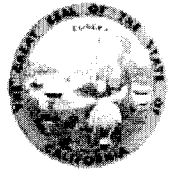




MARK B HORTON, MD, MSPH
Director

State of California—Health and Human Services Agency
California Department of Public Health



ARNOLD SCHWARZENEGGER
Governor

August 13, 2008

BERNADINE KOLK
EMS LABORATORIES, INC.
117 WEST BELLEVUE DRIVE
PASADENA, CA 91105

Dear BERNADINE KOLK:

Certificate No. 1119

This is to advise you that the laboratory named above has been certified as an environmental testing laboratory pursuant to the provisions of the Health and Safety Code (HSC), Division 101, Part 1, Chapter 4, Section 100825, et seq.

The Fields of Testing for which this laboratory has been certified are indicated on the enclosed "Fields of Testing." The certificate shall remain in effect until **February 28, 2010** unless it is revoked. This certificate is subject to an annual fee as prescribed by HSC 100860(a).

The application for renewal of this certificate must be received before the expiration date of this certificate to remain in force according to the HSC 100845(a).

Any changes in laboratory location or structural alterations, which may affect adversely the quality of analysis in the Fields of Testing for which this laboratory has been granted a certificate, require prior notification. Notification is also required for changes in ownership or laboratory director within 30 days after the change (HSC, Section 100845(b) and (d)).

Your continued cooperation with the above requirements is essential for maintaining the high quality of the data produced by environmental laboratories certified by the State of California.

If you have any questions, please contact Aida Dente at (510) 620-3155.

Sincerely,

George C. Kulasingam, Ph.D., Chief
Environmental Laboratory Accreditation Program Branch

Enclosure



CALIFORNIA DEPARTMENT OF PUBLIC HEALTH
ENVIRONMENTAL LABORATORY ACCREDITATION PROGRAM
Accredited Fields of Testing



EMS LABORATORIES, INC.

Lab Phone (626) 568-4065

117 WEST BELLEVUE DRIVE
PASADENA, CA 91105

Certificate No: 1119 Renew Date: 2/28/2010

Field of Testing: 103 - Toxic Chemical Elements of Drinking Water

103.150	009	Lead	EPA 200.9
103.300	001	Asbestos	EPA 100.1
103.301	001	Asbestos	EPA 100.2

Field of Testing: 108 - Inorganic Chemistry of Wastewater

108.020	001	Conductivity	EPA 120.1
108.090	001	Residue, Volatile	EPA 160.4
108.112	002	Calcium	EPA 200.7
108.112	004	Magnesium	EPA 200.7
108.120	001	Bromide	EPA 300.0
108.120	003	Fluoride	EPA 300.0
108.120	004	Nitrate	EPA 300.0
108.120	005	Nitrite	EPA 300.0
108.141	001	Alkalinity	EPA 310.2
108.323	001	Chemical Oxygen Demand	EPA 410.4
108.381	001	Oil and Grease	EPA 1664A
108.440	001	Residue, Total	SM2540B
108.441	001	Residue, Filterable	SM2540C
108.442	001	Residue, Non-filterable	SM2540D
108.443	001	Residue, Settleable	SM2540F
108.445	001	Calcium	SM3111B
108.445	002	Hardness (calc.)	SM3111B
108.445	003	Magnesium	SM3111B
108.445	005	Sodium	SM3111B
108.451	001	Chloride	SM4500-Cl- C
108.460	001	Chlorine	SM4500-Cl B
108.472	001	Cyanide, Total	SM4500-CN E
108.473	001	Cyanide, amenable	SM4500-CN G
108.490	001	pH	SM4500-H+ B
108.540	001	Phosphate, Ortho	SM4500-P E
108.541	001	Phosphorus, Total	SM4500-P E
108.570	001	Sulfate	SM4500-SO4 C
108.581	001	Sulfide	SM4500-S= E (18th)

Field of Testing: 109 - Toxic Chemical Elements of Wastewater

109.010	001	Aluminum	EPA 200.7
109.010	002	Antimony	EPA 200.7

As of 8/13/2008 , this list supersedes all previous lists for this certificate number.
Customers: Please verify the current accreditation standing with the State.

109.010 004	Barium	EPA 200.7
109.010 005	Beryllium	EPA 200.7
109.010 007	Cadmium	EPA 200.7
109.010 009	Chromium	EPA 200.7
109.010 010	Cobalt	EPA 200.7
109.010 012	Iron	EPA 200.7
109.010 013	Lead	EPA 200.7
109.010 015	Manganese	EPA 200.7
109.010 016	Molybdenum	EPA 200.7
109.010 017	Nickel	EPA 200.7
109.010 019	Selenium	EPA 200.7
109.010 021	Silver	EPA 200.7
109.010 023	Thallium	EPA 200.7
109.010 024	Tin	EPA 200.7
109.010 026	Vanadium	EPA 200.7
109.010 027	Zinc	EPA 200.7
109.370 001	Antimony	SM3111B
109.370 002	Cadmium	SM3111B
109.370 004	Chromium	SM3111B
109.370 005	Cobalt	SM3111B
109.370 006	Copper	SM3111B
109.370 009	Iron	SM3111B
109.370 010	Lead	SM3111B
109.370 012	Manganese	SM3111B
109.370 013	Nickel	SM3111B
109.370 019	Silver	SM3111B
109.370 021	Thallium	SM3111B
109.370 022	Tin	SM3111B
109.370 023	Zinc	SM3111B
109.390 001	Aluminum	SM3111D
109.390 002	Barium	SM3111D
109.390 003	Beryllium	SM3111D
109.390 005	Molybdenum	SM3111D
109.390 007	Titanium	SM3111D
109.390 008	Vanadium	SM3111D
109.410 003	Arsenic	SM3113B
109.410 015	Selenium	SM3113B
109.811 001	Chromium (VI)	SM3500-Cr D (18th/19th)

Field of Testing: 114 - Inorganic Chemistry of Hazardous Waste

114.010 001	Antimony	EPA 6010B
114.010 002	Arsenic	EPA 6010B
114.010 003	Barium	EPA 6010B
114.010 004	Beryllium	EPA 6010B

114.010	005	Cadmium	EPA 6010B
114.010	006	Chromium	EPA 6010B
114.010	007	Cobalt	EPA 6010B
114.010	008	Copper	EPA 6010B
114.010	009	Lead	EPA 6010B
114.010	010	Molybdenum	EPA 6010B
114.010	011	Nickel	EPA 6010B
114.010	012	Selenium	EPA 6010B
114.010	013	Silver	EPA 6010B
114.010	014	Thallium	EPA 6010B
114.010	015	Vanadium	EPA 6010B
114.010	016	Zinc	EPA 6010B
114.030	001	Antimony	EPA 7040
114.040	001	Arsenic	EPA 7060A
114.060	001	Barium	EPA 7080A
114.070	001	Beryllium	EPA 7090
114.080	001	Cadmium	EPA 7130
114.090	001	Chromium	EPA 7190
114.103	001	Chromium (VI)	EPA 7196A
114.104	001	Chromium (VI)	EPA 7197
114.110	001	Cobalt	EPA 7200
114.120	001	Copper	EPA 7210
114.130	001	Lead	EPA 7420
114.140	001	Mercury	EPA 7470A
114.141	001	Mercury	EPA 7471A
114.150	001	Molybdenum	EPA 7480
114.160	001	Nickel	EPA 7520
114.170	001	Selenium	EPA 7740
114.180	001	Silver	EPA 7760A
114.190	001	Thallium	EPA 7840
114.200	001	Vanadium	EPA 7910
114.210	001	Zinc	EPA 7950
114.222	001	Cyanide	EPA 9014
114.250	001	Fluoride	EPA 9056

Field of Testing: 115 - Extraction Test of Hazardous Waste

115.021	001	TCLP Inorganics	EPA 1311
115.030	001	Waste Extraction Test (WET)	CCR Chapter11, Article 5, Appendix II

Field of Testing: 121 - Bulk Asbestos Analysis of Hazardous Waste

121.010	001	Bulk Asbestos	EPA 600/M4-82-020
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