

DIRECT READING AIR MONITORING LOG

CLIENT: Los Angeles Unified School District DATE: 2/10/16 PAGE 1 of 3
 LOCATION: Ernest Lawrence Middle School BY: Robert Pitzer

INSTRUMENT: Ultra RAE 3000 Photo Ionization Detector
 BENZENE FUNCTION TEST: Pass (No Calibration Required) Fail (Conduct Calibration)
 BENZENE SENSOR CALIBRATION VALUE: _____ ppmv CALIBRATION READING: _____ ppmv

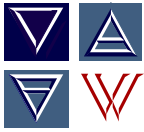
INSTRUMENT: Multi RAE
 FUNCTION TEST: Pass (No Calibration Required) Fail (Conduct Calibration)
 CALIBRATION VALUE: H2S _____ ppmv CO _____ ppmv LEL _____ % O2 _____ % IB _____ ppmv
 CALIBRATION READING: H2S _____ ppmv CO _____ ppmv LEL _____ % O2 _____ % IB _____ ppmv

INSTRUMENT: Jerome J631X Hydrogen Sulfide Analyzer
 FUNCTION TEST: Pass (No Calibration Required) Fail (Return to Manufacturer for Calibration)
 CALIBRATION VALUE: N/A Factory Calibrated CALIBRATION READING: Manufacturer Calibration Only

TIME	VOCs (ppmv)	Benzene (ppmv)	% LEL	Hydrogen Sulfide (ppmv)	Drager Tubes					Location
					Benzene (ppmv)	Toluene (ppmv)	Ethylbenzene (ppmv)	Xylene (ppmv)	Mercaptans (ppmv)	
0706	0.00	--	0	0.002	--	--	--	--	--	Conference Room
0708	0.00	--	0	0.001	--	--	--	--	--	Counseling Office
0711	0.00	--	0	0.004	--	--	--	--	--	Exterior at Stage
0717	0.00	--	0	0.006	--	--	--	--	--	Basketball Courts
0720	0.00	--	0	0.006	--	--	--	--	--	Covered Lunch Area
0754	0.00	0.00	0	0.001	ND	ND	ND	ND	ND	Counseling Office
0906	0.00	--	0	0.005	--	--	--	--	--	Exterior at Stage
0916	0.00	--	0	0.007	--	--	--	--	--	By Room #37
0920	0.00	--	0	0.005	--	--	--	--	--	Inside Room 48
0927	0.00	--	0	0.003	--	--	--	--	--	Inside Room 54
0929	0.00	--	0	0.005	--	--	--	--	--	Outside Room 54

Weather Conditions: Clear, Cool Wind Speed: 0 mph Wind Direction: NW Temperature: 57 ° F

Comments: The UltraRAE is used for measuring Volatile Organic Compound (VOC) and Benzene. The MultiRae is used for measuring VOCs and %LEL (used as an indicator of the potential presence of methane). The Jerome J631X is used for measuring Hydrogen Sulfide. Drager tubes are used for measuring Benzene, Toluene, Xylene, Ethylbenzene, and Mercaptans. %LEL is used as an indicator of methane but is not chemical specific. VOC readings are an indicator of all volatile constituents and are not chemical specific. Real time readings are used to guide sample collection. Samples collected daily are submitted to a laboratory for analyses. **H2S = Hydrogen Sulfide; O2 = Oxygen; % = percent; CO = Carbon Monoxide; LEL = Lower Explosive Limit; IB = Isobutylene ND = Not Detected; ppmv = parts per million by volume; N/A = Not Applicable; -- = No Reading (no measurement taken at this time)**



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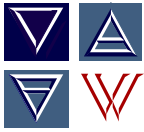
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1025	0.00	0.00	0	0.004	ND	ND	ND	ND	ND	By Student Store
1055	0.00	--	0	0.002	--	--	--	--	--	North Side of Baseball Field
1058	0.00	--	0	0.002	--	--	--	--	--	Gym
1103	0.00	--	0	0.005	--	--	--	--	--	Teachers Lounge
1105	0.00	--	0	0.003	--	--	--	--	--	Multipurpose Room
1143	0.00	--	0	0.003	--	--	--	--	--	Deans Office
1148	0.00	--	0	0.004	--	--	--	--	--	Covered Lunch Area
1151	0.00	--	0	0.007	--	--	--	--	--	Teachers Lounge
1200	0.00	0.00	0	0.003	--	--	--	--	--	Inside Room #43
1203	0.00	--	0	0.002	--	--	--	--	--	Inside Room #59
1206	0.00	--	0	0.004	--	--	--	--	--	By Room #70

Weather Conditions: Clear, hot Wind Speed: 0-5 mph Wind Direction: SE to SW Temperature: 82 ° F

Comments: The UltraRAE is used for measuring Volatile Organic Compound (VOC) and Benzene. The MultiRae is used for measuring VOCs and %LEL (used as an indicator of the potential presence of methane). The Jerome J631X is used for measuring Hydrogen Sulfide. Drager tubes are used for measuring Benzene, Toluene, Xylene, Ethylbenzene, and Mercaptans. %LEL is used as an indicator of methane but is not chemical specific. VOC readings are an indicator of all volatile constituents and are not chemical specific. Real time readings are used to guide sample collection. Samples collected daily are submitted to a laboratory for analyses. **H2S = Hydrogen Sulfide; O2 = Oxygen; % = percent; CO = Carbon Monoxide; LEL = Lower Explosive Limit; IB = Isobutylene ND = Not Detected; ppmv = parts per million by volume; N/A = Not Applicable; -- = No Reading (no measurement taken at this time)**



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					Benzene (ppmv)	Toluene (ppmv)	Ethylbenzene (ppmv)	Xylene (ppmv)	Mercaptans (ppmv)	
1336	0.00	--	0	0.006	--	--	--	--	--	Counseling Office
1340	0.00	--	0	0.003	ND	ND	ND	ND	ND	By Room #7

Weather Conditions: Clear, Hot Wind Speed: 0-5 mph Wind Direction: SSE Temperature: 86 ° F

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