

DIRECT READING AIR MONITORING LOG

CLIENT: Los Angeles Unified School District DATE: 2/01/16 PAGE 1 of 3
 LOCATION: Granada Elementary 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

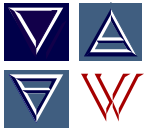
INSTRUMENT: Multi RAE
 FUNCTION TEST: Pass (No Calibration Required) Fail (Conduct Calibration)
 CALIBRATION VALUE: H2S _____ ppmv CO _____ ppmv LEL _____ % O2 _____ % IB _____ ppmv
 CALIBRATION READING: H2S _____ ppmv CO _____ ppmv LEL _____ % O2 _____ % IB _____ ppmv

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)	
0641	0.00	--	0	0.003	--	--	--	--	--	Near Bldg. 30
0654	0.00	--	0	0.003	--	--	--	--	--	Inside Room #14
0705	0.00	--	0	0.002	--	--	--	--	--	Main Office
0811	0.00	--	0	0.001	--	--	--	--	--	Inside Room #23
0815	0.00	--	0	0.002	--	--	--	--	--	SW Corner of Playground
0817	0.00	--	0	0.001	--	--	--	--	--	Lunch Pavilion
0819	0.00	--	0	0.003	--	--	--	--	--	Auditorium
0821	0.00	--	0	0.003	ND	ND	ND	ND	ND	Staff Dining
0857	0.00	0.00	0	0.003	--	--	--	--	--	Library
0902	0.00	--	0	0.002	--	--	--	--	--	Inside Room #4
0904	0.00	--	0	0.002	--	--	--	--	--	Inside Room #7

Weather Conditions: Clear, windy Wind Speed: 10 mph Wind Direction: NNW Temperature: 38 ° 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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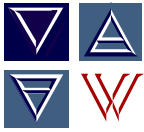
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					Benzene (ppmv)	Toluene (ppmv)	Ethylbenzene (ppmv)	Xylene (ppmv)	Mercaptans (ppmv)	
0907	0.00	0.00	0	0.001	--	--	--	--	--	Inside Room #11
0911	0.00	--	0	0.001	--	--	--	--	--	Inside Room #33
0913	0.00	--	0	0.003	--	--	--	--	--	S. Playground
0914	0.00	--	0	0.000	--	--	--	--	--	Inside Room #23
1006	0.00	--	0	0.005	--	--	--	--	--	Main Office
1039	0.00	--	0	0.003	--	--	--	--	--	Inside Room #24
1042	0.00	--	0	0.001	--	--	--	--	--	Inside Room #32
1045	0.00	--	0	0.001	--	--	--	--	--	Inside Room #27
1047	0.00	0.00	0	0.004	--	--	--	--	--	Handball Court
1050	0.00	--	0	0.003	ND	ND	ND	ND	ND	Library
1200	0.00	--	0	0.000	--	--	--	--	--	Inside Room #23

Weather Conditions: Clear, windy Wind Speed: 5-15 mph Wind Direction: NNW-NNE Temperature: 53 ° 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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INSTRUMENT: Multi RAE
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					Benzene (ppmv)	Toluene (ppmv)	Ethylbenzene (ppmv)	Xylene (ppmv)	Mercaptans (ppmv)	
1204	0.00	--	0	0.001	--	--	--	--	--	Inside Room #18
1206	0.00	--	0	0.001	--	--	--	--	--	Inside Room #21
1210	0.00	--	0	0.002	--	--	--	--	--	Inside Room #15
1212	0.00	--	0	0.004	--	--	--	--	--	Lunch Pavilion
1215	0.00	0.00	0	0.002	--	--	--	--	--	Inside Room #12
1223	0.00	--	0	0.001	--	--	--	--	--	Inside Room #10
1253	0.00	--	0	0.003	ND	ND	ND	ND	ND	Auditorium
1326	0.00	--	0	0.001	--	--	--	--	--	Library
1330	0.00	--	0	0.006	--	--	--	--	--	Staff Dining
1333	0.00	--	0	0.003	--	--	--	--	--	Main Office
1340	0.00	--	0	0.001	--	--	--	--	--	Inside Room #23

Weather Conditions: Clear, windy Wind Speed: 8-20 mph Wind Direction: NNW-NNE Temperature: 55 ° 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)