

DIRECT READING AIR MONITORING LOG

INSTRUMENT:	CLIENT: Los Angeles Unified School District DATE: 2/19/16 PAGE 1 of 2											
BENZENE FUNCTION TEST: Pass (No Calibration Required) Fail (Conduct Calibration)	LOCATION: Robert Frost Middle School BY: Travis Dagdigian											
RENZENE SENSOR CALIBRATION VALUE: ppmv												
TIME												
FAIL Conduct Calibration Fail Conduct Calibration Fail Conduct Calibration CALIBRATION VALUE: H2S ppmy CO ppmy LEL % O2 % IB ppmy CALIBRATION READING: H2S ppmy CO ppmy LEL % O2 % IB ppmy CALIBRATION READING: H2S ppmy CO ppmy LEL % O2 % IB ppmy CALIBRATION READING: H2S ppmy CO ppmy LEL % O2 % IB ppmy CALIBRATION READING: H2S ppmy CO ppmy LEL % O2 % IB ppmy CALIBRATION READING: Manufacturer For Calibration CALIBRATION TEST: Pass (No Calibration Required) Fail (Return to Manufacturer Calibration) CALIBRATION VALUE: N/A Factory Calibrated CALIBRATION READING: Manufacturer Calibration Only CALIBRATION VALUE: N/A Factory Calibrated CALIBRATION READING: Manufacturer Calibration Only CALIBRATION CALIBRATION READING: Manufacturer Calibration Only CALIBRATION CALI												
CALIBRATION READING: H2S ppmv CO ppmv LEL % O2 % IB ppmv												
INSTRUMENT:	CALIBRATION VALUE: H2S ppmv CO ppmv LEL % O2 % IB ppmv											
FUNCTION TEST: Pass (No Calibration Required) Fail (Return to Manufacturer for Calibration)												
CALIBRATION VALUE: N/A Factory Calibrated CALIBRATION READING: Manufacturer Calibration Only	INS											
TIME												
Time	CALIBRATION VALUE: N/A Factory Calibrated CALIBRATION READING: Manufacturer Calibration Only											
Depart Common C		VOCs	Benzene	%		Drager Tubes						
0728 0.00 0 0.001 Music Room 0731 0.00 0 0.002 Main Building 0734 0.00 0 0.000 Courtyard 0740 0.00 0.00 0 0.000 ND	TIME	(ppmv)							-		Location	
0731 0.00 0 0.002 Main Building	0727	0.00	0.00	0	0.002						Staff Lot	
0734 0.00 0 0.000	0728	0.00	-	0	0.001				-		Music Room	
0740 0.00 0.00 0.00 0 0.000 ND ND ND ND ND ND ND Staff Lot 0805 0.00 0 0.003 Frincipal Office 0811 0.00 0 0.003 Faculty Workroom 0827 0.00 0 0.002 Quad 0833 0.00 0 0.002 Library 0904 0.00 0 0.000	0731	0.00		0	0.002			-	1		Main Building	
0805 0.00 0 0.003 Principal Office 0811 0.00 0 0.003 Faculty Workroom 0827 0.00 0 0.002 Quad 0833 0.00 0 0.002 Library 0904 0.00 0 0.000 Hallway B - 2 nd Floor 0920 0.00 0 0.004 Hallway C - 2 nd Floor Weather Conditions: Clear, Breezy Wind Speed: 1 mph Wind Direction: E Temperature: 61 ° F omments: The UltraRAE is used for measuring Volatile Organic Compound (VOC) and Benzene. The MultiRae is used for measuring VOCs and %LEL (used as an dicator of the potential presence of methane). The Jerome J631X is used for measuring Hydrogen Sulfide. Drager tubes are used for measuring Benzene, Toluene, ylene, Ethylbenzene, and Mercaptans. %LEL is used as an indicator of methane but is not chemical specific. VOC readings are an indicator of all volatile metitures and are not chemical specific. Real time readings are used to guide sample collection. Samples collected daily are submitted to a laboratory for analyses.	0734	0.00		0	0.000	-		-	1		Courtyard	
0811 0.00 0 0.003 Faculty Workroom 0827 0.00 0 0.002 Quad 0833 0.00 0 0.002 Library 0904 0.00 0 0.000	0740	0.00	0.00	0	0.000	ND	ND	ND	ND	ND	Staff Lot	
0827 0.00 0 0.002 Library 0904 0.00 0 0.000 Hallway B - 2 nd Floor 0920 0.00 0 0.004 Hallway B - 2 nd Floor Weather Conditions: Clear, Breezy Wind Speed: 1 mph Wind Direction: E Temperature: 61 ° F omments: The UltraRAE is used for measuring Volatile Organic Compound (VOC) and Benzene. The MultiRae is used for measuring VOCs and %LEL (used as an dicator of the potential presence of methane). The Jerome J631X is used for measuring Hydrogen Sulfide. Drager tubes are used for measuring Benzene, Toluene, ylene, Ethylbenzene, and Mercaptans. %LEL is used as an indicator of methane but is not chemical specific. VOC readings are an indicator of all volatile onstituents and are not chemical specific. Real time readings are used to guide sample collection. Samples collected daily are submitted to a laboratory for analyses.	0805	0.00		0	0.003	-			1		Principal Office	
0833 0.00 0 0.002 Hallway B - 2 nd Floor 0904 0.00 0 0.000 Hallway B - 2 nd Floor 0920 0.00 0 0.004 Hallway C - 2 nd Floor Weather Conditions: Clear, Breezy Wind Speed: 1 mph Wind Direction: E Temperature: 61 ° F where From the Conditions of the potential presence of methane). The Jerome J631X is used for measuring Hydrogen Sulfide. Drager tubes are used for measuring Benzene, Toluene, sylene, 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.	0811	0.00		0	0.003						Faculty Workroom	
0904 0.00 0 0.000	0827	0.00		0	0.002						Quad	
Weather Conditions: Clear, Breezy Wind Speed: 1 mph Wind Direction: E Temperature: 61 ° F omments: The UltraRAE is used for measuring Volatile Organic Compound (VOC) and Benzene. The MultiRae is used for measuring VOCs and %LEL (used as an dicator of the potential presence of methane). The Jerome J631X is used for measuring Hydrogen Sulfide. Drager tubes are used for measuring Benzene, Toluene, ylene, Ethylbenzene, and Mercaptans. %LEL is used as an indicator of methane but is not chemical specific. VOC readings are an indicator of all volatile onstituents and are not chemical specific. Real time readings are used to guide sample collection. Samples collected daily are submitted to a laboratory for analyses.	0833	0.00		0	0.002						Library	
Weather Conditions: Clear, Breezy Wind Speed: 1 mph Wind Direction: E Temperature: 61 ° F omments: The UltraRAE is used for measuring Volatile Organic Compound (VOC) and Benzene. The MultiRae is used for measuring VOCs and %LEL (used as an dicator of the potential presence of methane). The Jerome J631X is used for measuring Hydrogen Sulfide. Drager tubes are used for measuring Benzene, Toluene, ylene, Ethylbenzene, and Mercaptans. %LEL is used as an indicator of methane but is not chemical specific. VOC readings are an indicator of all volatile onstituents and are not chemical specific. Real time readings are used to guide sample collection. Samples collected daily are submitted to a laboratory for analyses.	0904	0.00		0	0.000						Hallway B – 2 nd Floor	
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dicator of the potential presence of methane). The Jerome J631X is used for measuring Hydrogen Sulfide. Drager tubes are used for measuring Benzene, Toluene, ylene, Ethylbenzene, and Mercaptans. %LEL is used as an indicator of methane but is not chemical specific. VOC readings are an indicator of all volatile onstituents and are not chemical specific. Real time readings are used to guide sample collection. Samples collected daily are submitted to a laboratory for analyses.	Weather Conditions: Clear, Breezy Wind Speed: 1 mph Wind Direction: E Temperature: 61 ° F											
ylene, Ethylbenzene, and Mercaptans. %LEL is used as an indicator of methane but is not chemical specific. VOC readings are an indicator of all volatile onstituents and are not chemical specific. Real time readings are used to guide sample collection. Samples collected daily are submitted to a laboratory for analyses.	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 endicator of the potential presence of methods). The Jacobs 1631 V is used for measuring Hydrogen Sulfide. Dream takes are used for measuring Penzene. Tolumn											
onstituents and are not chemical specific. Real time readings are used to guide sample collection. Samples collected daily are submitted to a laboratory for analyses.	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											
30 H. L. G. G. L. W			•					•		•		
2S = Hydrogen Sulfide; O2 = Oxygen; % = percent; CO = Carbon Monoxide; LEL = Lower Explosive Limit; IB = Isobutylene ND = Not Detected; ppmv = parts er million by volume: N/A = Not Applicable: = No Reading (no measurement taken at this time)		ot Detected; ppmv = parts										



DIRECT READING AIR MONITORING LOG

CLIENT: Los Angeles Unified School District DATE: 2/19/16 page 2 of 2 LOCATION: Robert Frost Middle School BY: Travis Dagdigian											
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 <u>ppmv</u> CO <u>ppmv</u> LEL <u>%</u> O2 <u>%</u> IB <u>ppmv</u>											
CALIBRATION READING: H2S ppmv CO ppmv LEL % O2 % IB ppmv											
INS	INSTRUMENT: Jerome J631X Hydrogen Sulfide Analyzer										
FUNCTION TEST:											
CAL	IBRATIO	ON VALU	JE: N/A	Factory Ca	llibrated	CALIF	BRATION REA	DING: M	anufacturer C	alibration Only	
TIME	VOCs (ppmv)	Benzene (ppmv)	% LEL	Hydrogen Sulfide (ppmv)	Drager Tubes						
					Benzene (ppmv)	Toluene (ppmv)	Ethylbenzene (ppmv)	Xylene (ppmv)	Mercaptans (ppmv)	Location	
0927	0.00		0	0.003						Quad	
0930	0.00	0.00	0	0.004	ND	ND	ND	ND	ND	Staff Lot	
1009	0.00		0	0.002						Main Office	
1012	0.00		0	0.002		-	1			Library	
1016	0.00		0	0.003						Building D 2 nd Floor	
1019	0.00		0	0.002						Quad	
1023	0.00		0	0.002						Staff Lot	
Weather Co	Weather Conditions: Clear, Breezy Wind S				ed: 2 mpl	h	Wind Direction: E T		emperature: 63 ° F		
Comments: Th	ne <u>UltraRA</u>	E is used for	measuring	Volatile Organ	nic Compour	nd (VOC) ar	nd Benzene. The M	ultiRae is use	d for measuring	VOCs and %LEL (used as an	
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		•					•		•	ator of all volatile a laboratory for analyses.	
		•		-		•	*	•		ot Detected; ppmv = parts	
per million by	per million by volume; N/A = Not Applicable; = No Reading (no measurement taken at this time)										