



South Coast

AQMD

Annual Emission Report

Reporting Year: **2016**

Print Date: **03/29/2017**

Facility Id: **49387**

Facility Name **UNIV CAL, RIVERSIDE**

Facility Type: **Schools and Educational Institutions**

Criteria Pollutants Permitted Emissions Summary

	VOC (tons)	SPOG (tons)	NOx (tons)	NOx RECLAIM (tons)	SOx (tons)	SOx RECLAIM (tons)	CO (tons)	PM (tons)
External Combustion	0.90	0.00	2.13	0.00	0.10	0.00	13.76	1.25
Internal Combustion	0.09	0.00	1.12	0.00	0.00	0.00	0.24	0.08
Spray Coating/ Spray Booth	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other Use of Organics	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Storage Tanks	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Fugitive Components	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other Process Emissions	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Shutdown/Startup/Turnaround and Upsets	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total Permitted Emissions	1.09	0.00	3.25	0.00	0.10	0.00	14.00	1.33



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Criteria Pollutants Non-Permitted Emissions Summary

	VOC (tons)	SPOG (tons)	NOx (tons)	NOx RECLAIM (tons)	SOx (tons)	SOx RECLAIM (tons)	CO (tons)	PM (tons)
External Combustion	0.02	0.00	0.40	0.00	0.00	0.00	0.29	0.03
Internal Combustion	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Spray Coating/ Spray Booth	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other Use of Organics	0.07	0.05	0.00	0.00	0.00	0.00	0.00	0.00
Storage Tanks	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Fugitive Components	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other Process Emissions	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.92
Shutdown/Startup/Turnaround and Upsets	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total Non-Permitted Emissions	0.09	0.05	0.40	0.00	0.00	0.00	0.29	3.95



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Toxic Air Contaminants (TAC) / Ozone Depleting Compounds (ODC) Emissions and Fees Summary

TAC Group	TAC / ODC	Annual Emissions (lbs)	Emissions Subject to Fee (lbs)	Fee Rates (\$/lbs)	Fee Due
32	Ammonia	6.05979e+3	6,060	0.03	181.80
1	Asbestos	0.00000e+0	0	0.00	0.00
2	Benzene	4.03043e+1	40	2.08	83.20
3	Beryllium	0.00000e+0	0	0.00	0.00
4	Butadiene [1,3]	1.03120e+0	1	6.16	6.16
5	Cadmium	2.22058e-2	0	6.16	0.00
6	Carbon tetrachloride	9.57679e+0	10	2.08	20.80
7	Chlorinated dioxins and dibenzofurans	0.00000e+0	0	0.00	0.00
8	1,4-Dioxane	1.01784e+1	10	0.46	4.60
9	Ethylene dibromide {1,2-Dibromoethane}	1.27638e+0	1	2.08	2.08
10	Ethylene dichloride {1,2-Dichloroethane}	8.68707e+0	9	2.08	18.72
11	Ethylene oxide	1.17950e-2	0	2.08	0.00
12	Formaldehyde	8.11492e+1	81	0.46	37.26
13	Chromium, hexavalent (and compounds)	4.73700e-4	0	8.21	0.00
14	Arsenic and Compounds (inorganic)	2.38928e-2	0	6.16	0.00
15	Lead compounds (inorganic)	3.93321e-2	0	2.08	0.00
16	Methylene chloride {Dichloromethane}	1.60811e+2	161	0.08	12.88
17	Nickel	2.84449e+0	3	4.10	12.30
18	Perchloroethylene (Tetrachloroethene)	6.52863e+0	7	0.46	3.22
19	PAHs [PAH, POM]	2.97627e+0	3	6.16	18.48
20	Trichloroethylene	9.89823e+0	0	0.16	0.00
21	Vinyl chloride	5.46900e-5	0	2.08	0.00
22	Fluorocarbons (chlorinated)	9.37857e+1	94	0.40	37.60
23	Methyl chloroform {1,1,1-Trichloroethane}	7.62746e-1	1	0.05	0.05
Fees due total (\$)					439.15



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Total Emissions and Fees

Submittal Date: No later than March 02 2017	Total Permitted Emissions (tons)	Total Non-Permitted Emissions (tons)	Total RECLAIM Emissions (tons)	Total Emission (tons)	Total Emissions/ Subject To Fee (tons)	Emissions Fees Due
Organic Gasses	1.09	0.09		1.18	0.00	\$0.00
Specific Organics	0.00	0.05		0.05	0.00	\$0.00
Nitrogen Oxides	3.25	0.40	0.00	3.65	0.00	\$0.00
Sulfur Oxides	0.10	0.00	0.00	0.10	0.00	\$0.00
Carbon Monoxide	14.00	0.29		14.29	0.00	\$0.00
Particulate Matter	1.33	3.95		5.28	5.00	\$902.10
1. TOTAL EMISSION FEES FOR ALL CRITERIA POLLUTANTS						\$902.10
2. TOXIC AIR CONTAMINANTS/ OZONE DEPLETER FEES (Total amount from Form TACS or DC)						\$439.15
3. TOTAL FEES DUE						\$1,341.25
4. INSTALLMENTS PAID FOR 2016 - (if any) -- All Criteria Pollutants						\$0.00
5. INSTALLMENTS PAID FOR 2016 - (if any) -- Toxic Air Contaminants/Ozone Depleters						\$0.00
6. BALANCE DUE (Line 3 - Line 4 - Line 5)						\$1,341.25
7. LATE PAYMENT SURCHARGE						\$201.19
8. AMOUNT DUE						\$1,542.44