



South Coast

AQMD

Annual Emission Report

Reporting Year: **2019**

Print Date: **02/25/2020**

Facility Id: **15507**

Facility Name **CALIFORNIA STATE UNIVERSITY, FULLERTON**

Facility Type: **Schools and Educational Institutions**

StatusUpdate

Facility ID	15507
Facility Shutdown Date	N/A
Change of Ownership Date	N/A
Change in Equipment Location Date	N/A
Emissions are zero for this year's report, or emissions reduced by 50%	N/A
Exemption Request	N/A
Use of alternative Calculation methodology	N/A
Other	N/A
Refund Request	N/A



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External Combustion Process List Overview

AER Device ID	Permit Device ID	A/N	Process ID	Equipment	Fuel	Fuel Usage	Units	Criteria Pollutant Units	ROG	SPOG	NOx	SOx	CO	PM	
ES30		507365	P1	Boiler <10 MMBTU/HR	Natural Gas	44.41019 2	mmscf	EF	lbs/ mmscf	5.500000		100.000000	0.600000	84.000000	7.600000
								Emissions	lbs	244.26		4,441.02	26.65	3,730.46	337.52
ES31		507367	P1	Boiler <10 MMBTU/HR	Natural Gas	4.389632	mmscf	EF	lbs/ mmscf	5.500000		100.000000	0.600000	84.000000	7.600000
								Emissions	lbs	24.14		438.96	2.63	368.73	33.36
ES35		568414	P1	Boiler <10 MMBTU/HR	Distillate Fuel Oil No. 2	0.050000	M gal	EF	lbs/ M gal	1.320000		20.000000	0.210000	5.000000	2.000000
								Emissions	lbs	0.07		1.00	0.01	0.25	0.10
ES53			P1	Heater <10 MMBTU/HR	Propane	0.014840	M gal	EF	lbs/ M gal	0.260000		12.800000	4.600000	3.200000	0.280000
								Emissions	lbs	0.00		0.19	0.07	0.05	0.00

Total Emissions	lbs	268.47		4,881.17	29.36	4,099.49	370.98
Total Emissions	tons	0.13	0.00	2.44	0.01	2.05	0.19



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Internal Combustion Process List Overview

AER Device ID	Permit Device ID	A/N	Process ID	Equipment	Fuel	Fuel Usage	Units	Criteria Pollutant Units	ROG	SPOG	NOx	SOx	CO	PM	
ES1		191558	P1	Stationary I.C. Engines, 4 Stroke-Lean Burn	Distillate Fuel Oil No. 2	0.036300	M gal	EF	lbs/ M gal	37.500000		469.000000	0.210000	102.000000	33.500000
								Emissions	lbs	1.36		17.02	0.01	3.70	1.22
ES2		191560	P1	Stationary I.C. Engines, 4 Stroke-Lean Burn	Natural Gas	0.006600	mmscf	EF	lbs/ mmscf	120.000000		4,162.000000	0.600000	323.000000	10.000000
								Emissions	lbs	0.79		27.47	0.00	2.13	0.07
ES3		191561	P1	Stationary I.C. Engines, 4 Stroke-Lean Burn	Distillate Fuel Oil No. 2	0.064800	M gal	EF	lbs/ M gal	37.500000		469.000000	0.210000	102.000000	33.500000
								Emissions	lbs	2.43		30.39	0.01	6.61	2.17
ES4		257036	P1	Stationary I.C. Engines, 4 Stroke-Lean Burn	Distillate Fuel Oil No. 2	0.000700	M gal	EF	lbs/ M gal	37.500000		469.000000	0.210000	102.000000	33.500000
								Emissions	lbs	0.03		0.33	0.00	0.07	0.02
ES5		258489	P1	Stationary I.C. Engines, 4 Stroke-Lean Burn	Distillate Fuel Oil No. 2	0.093000	M gal	EF	lbs/ M gal	37.500000		469.000000	0.210000	102.000000	33.500000
								Emissions	lbs	3.49		43.62	0.02	9.49	3.12
ES6		273128	P1	Stationary I.C. Engines, 4 Stroke-Lean Burn	Distillate Fuel Oil No. 2	0.150000	M gal	EF	lbs/ M gal	37.500000		469.000000	0.210000	102.000000	33.500000
								Emissions	lbs	5.63		70.35	0.03	15.30	5.03
ES7		282371	P1	Stationary I.C. Engines, 4 Stroke-Rich Burn	Distillate Fuel Oil No. 2	0.217500	M gal	EF	lbs/ M gal	37.500000		469.000000	0.210000	102.000000	33.500000
								Emissions	lbs	8.16		102.01	0.05	22.19	7.29
ES9		302650	P1	Stationary I.C. Engines, 4 Stroke-Rich Burn	Distillate Fuel Oil No. 2	0.507000	M gal	EF	lbs/ M gal	37.500000		469.000000	0.210000	102.000000	33.500000
								Emissions	lbs	19.01		237.78	0.11	51.71	16.98

AER Device ID	Permit Device ID	A/N	Process ID	Equipment	Fuel	Fuel Usage	Units		Criteria Pollutant Units	ROG	SPOG	NOx	SOx	CO	PM
ES20		370731	P1	Portable I.C. Engines, 4 Stroke-Rich Burn	Gasoline	0.017500	M gal	EF	lbs/ M gal	206.000000		102.000000	5.300000	3,940.000000	6.500000
								Emissions	lbs	3.61		1.79	0.09	68.95	0.11
ES21		370734	P1	Stationary I.C. Engines, 4 Stroke-Lean Burn	Distillate Fuel Oil No. 2	0.010300	M gal	EF	lbs/ M gal	37.500000		469.000000	0.210000	102.000000	33.500000
								Emissions	lbs	0.39		4.83	0.00	1.05	0.35
ES22		422788	P1	Portable I.C. Engines, 4 Stroke-Lean Burn	Distillate Fuel Oil No. 2	0.041300	M gal	EF	lbs/ M gal	37.500000		469.000000	0.210000	102.000000	33.500000
								Emissions	lbs	1.55		19.37	0.01	4.21	1.38
ES23		424234	P1	Stationary I.C. Engines, 4 Stroke-Lean Burn	Distillate Fuel Oil No. 2	0.612000	M gal	EF	lbs/ M gal	37.500000		469.000000	0.210000	102.000000	33.500000
								Emissions	lbs	22.95		287.03	0.13	62.42	20.50
ES24		437317	P1	Stationary I.C. Engines, 4 Stroke-Lean Burn	Distillate Fuel Oil No. 2	0.975000	M gal	EF	lbs/ M gal	37.500000		469.000000	0.210000	102.000000	33.500000
								Emissions	lbs	36.56		457.28	0.20	99.45	32.66
ES25		450004	P1	Stationary I.C. Engines, 4 Stroke-Lean Burn	Distillate Fuel Oil No. 2	0.232500	M gal	EF	lbs/ M gal	37.500000		469.000000	0.210000	102.000000	33.500000
								Emissions	lbs	8.72		109.04	0.05	23.72	7.79
ES26		475147	P1	Stationary I.C. Engines, 4 Stroke-Lean Burn	Distillate Fuel Oil No. 2	0.341800	M gal	EF	lbs/ M gal	37.500000		469.000000	0.210000	102.000000	33.500000
								Emissions	lbs	12.82		160.30	0.07	34.86	11.45
ES27		487500	P1	Stationary I.C. Engines, 4 Stroke-Lean Burn	Distillate Fuel Oil No. 2	0.387600	M gal	EF	lbs/ M gal	37.500000		469.000000	0.210000	102.000000	33.500000
								Emissions	lbs	14.54		181.78	0.08	39.54	12.98
ES28		505115	P1	Stationary I.C. Engines, 4 Stroke-Lean Burn	Distillate Fuel Oil No. 2	0.900500	M gal	EF	lbs/ M gal	37.500000		469.000000	0.210000	102.000000	33.500000
								Emissions	lbs	33.77		422.33	0.19	91.85	30.17
ES29		507363	P1	Turbines	Natural Gas	306.169388	mmscf	EF	lbs/ mmscf	2.700000		19.340000	0.090000	23.540000	2.500000
								Emissions	lbs	826.66		5,921.32	27.56	7,207.23	765.42
ES33		543777	P1	Stationary I.C. Engines, 4 Stroke-Lean Burn	Distillate Fuel Oil No. 2	0.015200	M gal	EF	lbs/ M gal	37.500000		469.000000	0.210000	102.000000	33.500000
								Emissions	lbs	0.57		7.13	0.00	1.55	0.51
ES42			P1	Stationary I.C. Engines, 4 Stroke-Rich Burn	Gasoline	0.035300	M gal	EF	lbs/ M gal	206.000000		102.000000	5.300000	3,940.000000	6.500000
								Emissions	lbs	7.27		3.60	0.19	139.08	0.23
ES43			P1	Stationary I.C. Engines, 4 Stroke-Lean Burn	Distillate Fuel Oil No. 2	0.103400	M gal	EF	lbs/ M gal	37.500000		469.000000	0.210000	102.000000	33.500000
								Emissions	lbs	3.88		48.49	0.02	10.55	3.46

AER Device ID	Permit Device ID	A/N	Process ID	Equipment	Fuel	Fuel Usage	Units		Criteria Pollutant Units	ROG	SPOG	NOx	SOx	CO	PM
ES44			P1	Stationary I.C. Engines, 4 Stroke-Lean Burn	Natural Gas	0.016337	mmscf	EF	lbs/ mmscf	120.000000		4,162.000000	0.600000	323.000000	10.000000
								Emissions	lbs	1.96		67.99	0.01	5.28	0.16
ES51		592442	P1	Stationary I.C. Engines, 4 Stroke-Lean Burn	Distillate Fuel Oil No. 2	0.465500	M gal	EF	lbs/ M gal	37.500000		469.000000	0.210000	102.000000	33.500000
								Emissions	lbs	17.46		218.32	0.10	47.48	15.59

Total Emissions	lbs	1,033.58		8,439.58	28.93	7,948.42	938.67
Total Emissions	tons	0.52	0.00	4.22	0.01	3.97	0.47



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Spray Coating/Spray Booth Process List Overview

AER Device ID	Permit Device ID	A/N	Process ID	Equipment	Material Activity Code	Material Description	Usage	Units	Criteria Pollutant Units	ROG	SPOG	NOx	SOx	CO	PM
ES34		22188X	P1	Spray Booth	Coating : Wood Products Coatings : Other : Clear Topcoat	Wood Lacquer Coatings	0.000000	gal	EF	lbs/ gal	2.300000				1.050000
									Emissions	lbs	0.00				0.00
ES34		22188X	P2	Spray Booth	Coating : Coating of Metal Parts and Products : Other : Air Dried - One Component	Metal Coating Laquor	0.000000	gal	EF	lbs/ gal	2.300000				1.050000
									Emissions	lbs	0.00				0.00
ES34		22188X	P3	Spray Booth	Coating : Wood Products Coatings : Other : Multi-Colored Coatings	Enamel	0.000000	gal	EF	lbs/ gal	2.800000				1.050000
									Emissions	lbs	0.00				0.00
ES34		22188X	P4	Spray Booth	Others : Adhesive and Sealant Applications : Hand Application : Multipurpose Construction Adhesives	Adhesives - Bonding Wood	0.000000	gal	EF	lbs/ gal	5.200000				1.050000
									Emissions	lbs	0.00				0.00
ES34		22188X	P5	Spray Booth	Coating : Wood Products Coatings : Other : Stains, Toners, and Washcoats	Wood Stain	0.000000	gal	EF	lbs/ gal	4.600000				1.050000
									Emissions	lbs	0.00				0.00

Total Emissions	lbs	0.00					0.00
Total Emissions	tons	0.00	0.00	0.00	0.00	0.00	0.00



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Other Use of Organics Process List Overview

AER Device ID	Permit Device ID	A/N	Process ID	Equipment	Material Activity Code	Material Description	Usage	Units	Criteria Pollutant Units	ROG	SPOG	NOx	SOx	CO	PM
ES46			P1	Other evaporative sources	Others : Regulated Specific Organic Emissions : Hand Application : Chlorodifluoromethane (HCFC-22)	HCFC-22 (R-22)	30.00000	lbs	EF	lbs/ lbs					
									Emissions	lbs					
ES48			P11	Other evaporative sources	Others : Usage of Organic Contained Materials : Hand Application : Specialty Material	Marking Paint, Multipurpose	31.50000	gal	EF	lbs/ gal	2.830000				
									Emissions	lbs	89.15				
ES48			P14	Other evaporative sources	Coating : Wood Products Coatings : Hand Application : Multi-Colored Coatings	Multipurpose Spray Paint (Aerosol)	51.56000	gal	EF	lbs/ gal	2.830000				
									Emissions	lbs	145.92				
ES48			P17	Other evaporative sources	Coating : Wood Products Coatings : Other : Pigmented Primers, Sealers and Undercoats	Ultra-Grip Primer	0.00000	gal	EF	lbs/ gal	0.410000				
									Emissions	lbs	0.00				
ES48			P19	Other evaporative sources	Others : Usage of Organic Contained Materials : Other : Specialty Material	Foam Sealant	2.25000	gal	EF	lbs/ gal	2.500000				
									Emissions	lbs	5.63				
ES48			P22	Other evaporative sources	Others : Usage of Organic Contained Materials : Other : Specialty Material	Acrylic Latex w/Silicone Caulking	5.63000	gal	EF	lbs/ gal	0.160000				
									Emissions	lbs	0.90				
ES48			P23	Other evaporative sources	Others : Adhesive and Sealant Applications : Hand Application : Multipurpose Construction Adhesives	Liquid Nails Adhesive	1.56000	gal	EF	lbs/ gal	2.400000				
									Emissions	lbs	3.74				
ES48			P24	Other evaporative sources	Others : Adhesive and Sealant Applications : Roller Application : Sealants - Non-Rule 1113 Architectural	Elastomeric Sealant Caulking	0.47000	gal	EF	lbs/ gal	0.360000				
									Emissions	lbs	0.17				

AER Device ID	Permit Device ID	A/N	Process ID	Equipment	Material Activity Code	Material Description	Usage	Units		Criteria Pollutant Units	ROG	SPOG	NOx	SOx	CO	PM
ES48			P26	Other evaporative sources	Others : Adhesive and Sealant Applications : Roller Application : Sealants - Non-Rule 1113 Architectural	Fire-Stop Sealant	1.410000	gal	EF	lbs/ gal	0.620000					
									Emissions	lbs	0.87					
ES48			P27	Other evaporative sources	Others : Adhesive and Sealant Applications : Roller Application : Sealants - Non-Rule 1113 Architectural	Silicone, Multicolored	10.950000	gal	EF	lbs/ gal	0.292000					
									Emissions	lbs	3.20					
ES48			P28	Other evaporative sources	Others : Usage of Organic Contained Materials : Other : Specialty Material	Loctite Fixmaster Anchor Bolt Grout Epoxy	4.400000	gal	EF	lbs/ gal	0.070000					
									Emissions	lbs	0.31					
ES48			P31	Other evaporative sources	Others : Usage of Organic Contained Materials : Other : Specialty Material	Mapp Gas Cylinder	5.000000	gal	EF	lbs/ gal	4.330000					
									Emissions	lbs	21.65					
ES48			P33	Other evaporative sources	Others : Adhesive and Sealant Applications : Hand Application : Multipurpose Construction Adhesives	3M Fastbond Contact Cement	0.000000	gal	EF	lbs/ gal	0.310000					
									Emissions	lbs	0.00					
ES48			P36	Other evaporative sources	Others : Adhesive and Sealant Applications : Hand Application : Multipurpose Construction Adhesives	Spray Adhesive	1.120000	gal	EF	lbs/ gal	5.260000					
									Emissions	lbs	5.89					
ES48			P37	Other evaporative sources	Others : Usage of Organic Contained Materials : Other : Specialty Material	Penetrating Oil Lube	0.000000	gal	EF	lbs/ gal	2.820000					
									Emissions	lbs	0.00					
ES48			P38	Other evaporative sources	Others : Usage of Organic Contained Materials : Other : Specialty Material	TKX Spray Lubricant	2.060000	gal	EF	lbs/ gal	3.830000					
									Emissions	lbs	7.89					
ES48			P39	Other evaporative sources	Others : Adhesive and Sealant Applications : Hand Application : Multipurpose Construction Adhesives	Gorilla Glue	0.750000	gal	EF	lbs/ gal	0.100000					
									Emissions	lbs	0.08					
ES48			P41	Other evaporative sources	Others : Adhesive and Sealant Applications : Roller Application : Sealants - Non-Rule 1113 Architectural	Chemlink Duralink Sealant	3.750000	gal	EF	lbs/ gal	0.180000					
									Emissions	lbs	0.68					
ES48			P42	Other evaporative sources	Others : Adhesive and Sealant Applications : Roller Application : Sealants - Non-Rule 1113 Architectural	Chemlink Novalink Sealant	3.750000	gal	EF	lbs/ gal	0.120000					
									Emissions	lbs	0.45					
ES48			P43	Other evaporative sources	Coating : Wood Products Coatings : Other : Multi-Colored Coatings	Ceiling Tile Spray	2.810000	gal	EF	lbs/ gal	3.200000					
									Emissions	lbs	8.99					
ES48			P45	Other evaporative sources	Others : Usage of Organic Contained Materials : Other : Specialty Material	Loosen Up Aerosol Penetrant	1.130000	gal	EF	lbs/ gal	3.000000					
									Emissions	lbs	3.39					

AER Device ID	Permit Device ID	A/N	Process ID	Equipment	Material Activity Code	Material Description	Usage	Units		Criteria Pollutant Units	ROG	SPOG	NOx	SOx	CO	PM
ES48			P47	Other evaporative sources	Others : Usage of Organic Contained Materials : Other : Specialty Material	Tri-flow Lubricant	2.060000	gal	EF	lbs/ gal	2.400000					
									Emissions	lbs	4.94					
ES48			P48	Other evaporative sources	Others : Usage of Organic Contained Materials : Other : Specialty Material	WD-40	3.750000	gal	EF	lbs/ gal	3.440000					
									Emissions	lbs	12.90					
ES48			P50	Other evaporative sources	Others : Usage of Organic Contained Materials : Other : Specialty Material	Rust Aerosol Penetrant	3.120000	gal	EF	lbs/ gal	5.530000					
									Emissions	lbs	17.25					
ES48			P53	Other evaporative sources	Others : Usage of Organic Contained Materials : Hand Application : Specialty Material	Dap Kwik-Seal Caulking	4.030000	gal	EF	lbs/ gal	0.270000					
									Emissions	lbs	1.09					
ES48			P56	Other evaporative sources	Coating : Wood Products Coatings : Hand Application : Multi-Colored Coatings	Acrylic/Latex Paint	0.000000	gal	EF	lbs/ gal	0.400000					
									Emissions	lbs	0.00					
ES48			P61	Other evaporative sources	Others : Adhesive and Sealant Applications : Hand Application : Multipurpose Construction Adhesives	Polyurethane Caulking	0.000000	gal	EF	lbs/ gal	1.620000					
									Emissions	lbs	0.00					
ES48			P62	Other evaporative sources	Others : Adhesive and Sealant Applications : Roller Application : Nonmembrane Roof Sealant	Henry 108 and 208 cements	0.000000	gal	EF	lbs/ gal	2.500000					
									Emissions	lbs	0.00					
ES48			P63	Other evaporative sources	Others : Adhesive and Sealant Applications : Hand Application : Multipurpose Construction Adhesives	Chemlink "M-1" Structural Adhesive/Sealant	4.690000	gal	EF	lbs/ gal	0.140000					
									Emissions	lbs	0.66					
ES48			P64	Other evaporative sources	Others : Usage of Organic Contained Materials : Other : Specialty Material	Drummond Prizm Penetrating Lubricant with PTFE	0.000000	gal	EF	lbs/ gal	3.120000					
									Emissions	lbs	0.00					
ES48			P67	Other evaporative sources	Others : Adhesive and Sealant Applications : Hand Application : Multipurpose Construction Adhesives	HVAC Blue Pipe Joint Compound	0.780000	gal	EF	lbs/ gal	0.260000					
									Emissions	lbs	0.20					
ES48			P68	Other evaporative sources	Others : Adhesive and Sealant Applications : Hand Application : ABS Welding Adhesive	ABS 773 Cement	0.000000	gal	EF	lbs/ gal	2.710000					
									Emissions	lbs	0.00					
ES48			P69	Other evaporative sources	Solvents : Solvent Cleaning Operations : Wipe Cleaning : Product Cleaning/Surface Preparation	Safety Solvent and Degreaser	1.970000	gal	EF	lbs/ gal						
									Emissions	lbs						
ES48			P70	Other evaporative sources	Others : Usage of Organic Contained Materials : Hand Application : Specialty Material	Clean Lube II	1.000000	gal	EF	lbs/ gal	5.250000					
									Emissions	lbs	5.25					

AER Device ID	Permit Device ID	A/N	Process ID	Equipment	Material Activity Code	Material Description	Usage	Units		Criteria Pollutant Units	ROG	SPOG	NOx	SOx	CO	PM
ES48			P71	Other evaporative sources	Others : Usage of Organic Contained Materials : Other : Specialty Material	Synthetic Rubber Aerosol Coating (Multicolor)	1.360000	gal	EF	lbs/ gal	4.860000					
									Emissions	lbs	6.61					
ES48			P72	Other evaporative sources	Others : Adhesive and Sealant Applications : Hand Application : Dry Wall and Panel Adhesives	Henry 237 Adhesive	10.000000	gal	EF	lbs/ gal	0.014200					
									Emissions	lbs	0.14					

Total Emissions	lbs	347.94					
Total Emissions	tons	0.17	0.00	0.00	0.00	0.00	0.00



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Storage Tanks Process List Overview

AER Device ID	Permit Device ID	A/N	Process ID	Equipment	Product	Throughput	Units	Criteria Pollutant Units	ROG	SPOG	NOx	SOx	CO	PM
ES40			P1	Storage tank and Dispensing	Distillate fuel oil no. 2	3.213000	M gal	EF	lbs/ M gal	0.028000				
								Emissions	lbs	0.09				

Total Emissions	lbs	0.09					
Total Emissions	tons	0.00	0.00	0.00	0.00	0.00	0.00



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Other Process Emissions Process List Overview

AER Device ID	Permit Device ID	A/N	Process ID	Activity	Throughput	Units	Criteria Pollutant Units	ROG	SPOG	NOx	SOx	CO	PM	Permit Equipment Description	
ES38		568418	P2	Miscellaneous Operations and Services : Others - Not Classified : Operations & Maintenance : Annual Emissions	0.056806	mmscf	EF	lbs/ mmscf	7.000000		130.000000	0.600000	35.000000	7.500000	BOILER/HOT WATER HEATER,VARIOUS LOCATIONS,<300,000 BTU/HR,DIESEL/OIL FIRED
							Emissions	lbs	0.40		7.38	0.03	1.99	0.43	
ES39		568420	P2	Miscellaneous Operations and Services : Others - Not Classified : Operations & Maintenance : Annual Emissions	0.056806	mmscf	EF	lbs/ mmscf	7.000000		130.000000	0.600000	35.000000	7.500000	CHARBROILER - NATURAL GAS
							Emissions	lbs	0.40		7.38	0.03	1.99	0.43	
ES45			P1	Miscellaneous Operations and Services : Laboratory / Testing / R&D : Operations & Maintenance : Bench Scale	0.300000	gal	EF	lbs/ gal	12.300000						
							Emissions	lbs	3.69						
ES45			P2	Miscellaneous Operations and Services : Laboratory / Testing / R&D : Operations & Maintenance : Bench Scale	205.100000	gal	EF	lbs/ gal	6.800000						
							Emissions	lbs	1,394.68						
ES45			P3	Miscellaneous Operations and Services : Laboratory / Testing / R&D : Operations & Maintenance : Bench Scale	27.700000	gal	EF	lbs/ gal	5.500000						
							Emissions	lbs	152.35						
ES45			P4	Miscellaneous Operations and Services : Laboratory / Testing / R&D : Operations & Maintenance : Bench Scale	5.300000	gal	EF	lbs/ gal	6.600000						
							Emissions	lbs	34.98						
ES45			P5	Miscellaneous Operations and Services : Laboratory / Testing / R&D : Operations & Maintenance : Bench Scale	41.200000	gal	EF	lbs/ gal	6.600000						
							Emissions	lbs	271.92						

AER Device ID	Permit Device ID	A/N	Process ID	Activity	Throughput	Units	Criteria Pollutant Units	ROG	SPOG	NOx	SOx	CO	PM	Permit Equipment Description	
ES45			P6	Miscellaneous Operations and Services : Laboratory / Testing / R&D : Operations & Maintenance : Bench Scale	0.000000	gal	EF	lbs/ gal	7.200000						
							Emissions	lbs	0.00						
ES45			P7	Miscellaneous Operations and Services : Laboratory / Testing / R&D : Operations & Maintenance : Bench Scale	33.300000	gal	EF	lbs/ gal	5.950000						
							Emissions	lbs	198.14						
ES45			P9	Miscellaneous Operations and Services : Laboratory / Testing / R&D : Operations & Maintenance : Bench Scale	8.500000	gal	EF	lbs/ gal	6.500000						
							Emissions	lbs	55.25						
ES45			P10	Miscellaneous Operations and Services : Laboratory / Testing / R&D : Operations & Maintenance : Bench Scale	5.300000	gal	EF	lbs/ gal	5.840000						
							Emissions	lbs	30.95						
ES45			P11	Miscellaneous Operations and Services : Laboratory / Testing / R&D : Operations & Maintenance : Bench Scale	15.900000	gal	EF	lbs/ gal	5.220000						
							Emissions	lbs	83.00						
ES45			P12	Miscellaneous Operations and Services : Laboratory / Testing / R&D : Operations & Maintenance : Bench Scale	10.600000	gal	EF	lbs/ gal	7.520000						
							Emissions	lbs	79.71						
ES45			P14	Miscellaneous Operations and Services : Laboratory / Testing / R&D : Operations & Maintenance : Bench Scale	16.900000	gal	EF	lbs/ gal							
							Emissions	lbs							
ES45			P15	Miscellaneous Operations and Services : Laboratory / Testing / R&D : Operations & Maintenance : Bench Scale	0.000000	gal	EF	lbs/ gal	7.260000						
							Emissions	lbs	0.00						
ES45			P16	Miscellaneous Operations and Services : Laboratory / Testing / R&D : Operations & Maintenance : Bench Scale	0.000000	gal	EF	lbs/ gal	7.340000						
							Emissions	lbs	0.00						
ES45			P17	Miscellaneous Operations and Services : Laboratory / Testing / R&D : Operations & Maintenance : Bench Scale	1.100000	gal	EF	lbs/ gal	9.000000						
							Emissions	lbs	9.90						
ES50			P1	Miscellaneous Operations and Services : Cooling Towers : Comfort Cooling (HVAC) : Mechanical Draft	2,782.465400	MM gal	EF	lbs/ MM gal					0.550000		
							Emissions	lbs					1,530.36		

AER Device ID	Permit Device ID	A/N	Process ID	Activity	Throughput	Units	Criteria Pollutant Units	ROG	SPOG	NOx	SOx	CO	PM	Permit Equipment Description
ES50			P2	Miscellaneous Operations and Services : Cooling Towers : Comfort Cooling (HVAC) : Mechanical Draft	834.000000	tons	EF	lbs/ tons					1.643000	
							Emissions	lbs					1,370.26	
ES50			P3	Miscellaneous Operations and Services : Cooling Towers : Comfort Cooling (HVAC) : Mechanical Draft	800.000000	tons	EF	lbs/ tons					1.643000	
							Emissions	lbs					1,314.40	
ES52			P1	Miscellaneous Operations and Services : Building Construction & Demolition : Demolition : Mechanical or Explosive Dismemberment	96.800000	tons	EF	lbs/ tons					0.006000	
							Emissions	lbs					0.58	

Total Emissions	lbs	2,315.36		14.77	0.07	3.98	4,216.45	
Total Emissions	tons	1.16	0.00	0.01	0.00	0.00	2.11	



South Coast

AQMD

Annual Emission Report

Reporting Year: **2019**

Print Date: **02/25/2020**

Facility Id: **15507**

Facility Name **CALIFORNIA STATE UNIVERSITY, FULLERTON**

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	0.13	0.00	2.44	0.00	0.01	0.00	2.05	0.19
Internal Combustion	0.51	0.00	4.16	0.00	0.01	0.00	3.90	0.47
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	0.00	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	0.01	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	0.64	0.00	6.61	0.00	0.02	0.00	5.95	0.66



South Coast

AQMD

Annual Emission Report

Reporting Year: **2019**

Print Date: **02/25/2020**

Facility Id: **15507**

Facility Name **CALIFORNIA STATE UNIVERSITY, FULLERTON**

Facility Type: **Schools and Educational Institutions**

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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Internal Combustion	0.01	0.00	0.06	0.00	0.00	0.00	0.08	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	0.17	0.00	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	1.16	0.00	0.00	0.00	0.00	0.00	0.00	2.11
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	1.34	0.00	0.06	0.00	0.00	0.00	0.08	2.11



South Coast

AQMD

Annual Emission Report

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Facility Id: **15507**

Facility Name **CALIFORNIA STATE UNIVERSITY, FULLERTON**

Facility Type: **Schools and Educational Institutions**

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

For detailed TAC Records please see
related "AER TAC Report" Excel file



South Coast

AQMD

Annual Emission Report

Reporting Year: **2019**

Facility Id: **15507**

Print Date: **02/25/2020**

Facility Name **CALIFORNIA STATE UNIVERSITY, FULLERTON**

Facility Type: **Schools and Educational Institutions**

Total Emissions and Fees

Submittal Date: No later than March 17 2020	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	0.64	1.34		1.98	0.00	\$0.00
Specific Organics	0.00	0.00		0.00	0.00	\$0.00
Nitrogen Oxides	6.61	0.06	0.00	6.67	7.00	\$1,514.20
Sulfur Oxides	0.02	0.00	0.00	0.02	0.00	\$0.00
Carbon Monoxide	5.95	0.08		6.03	0.00	\$0.00
Particulate Matter	0.66	2.11		2.77	0.00	\$0.00
1. TOTAL EMISSION FEES FOR ALL CRITERIA POLLUTANTS						\$1,514.20
2. TOXIC AIR CONTAMINANTS/ OZONE DEPLETER FEES (Total amount from Form TACS or DC)						\$5,204.12
TAC Fees Breakdown						
Facility Flat Fee:					\$78.03	
CPWE Emission Fees:					\$1275.00	
Ammonia & Depleting Compounds (ODC) Fees:					\$261.14	
Per Device Fees (total devices with fees 21):					\$3589.95	
					\$5204.12	
3. TOTAL FEES DUE						\$6,718.32
4. INSTALLMENTS PAID FOR 2019 - (if any) -- All Criteria Pollutants						\$0.00
5. INSTALLMENTS PAID FOR 2019 - (if any) -- Toxic Air Contaminants/Ozone Depleters						\$0.00
6. BALANCE DUE (Line 3 - Line 4 - Line 5)						\$6,718.32
7. LATE PAYMENT SURCHARGE						\$0.00
8. AMOUNT DUE						\$6,718.32



South Coast

AQMD

Annual Emission Report

Reporting Year: **2019**

Facility Id: **15507**

Print Date: **02/25/2020**

Facility Name **CALIFORNIA STATE UNIVERSITY, FULLERTON**

Facility Type: **Schools and Educational Institutions**

AER Submittal Confirmation

Thank you for submitting your Annual Emissions Report for Facility ID: 15507.

Please print the AER Payment Voucher and include the check for emission fees due if applicable and mail them to the SCAQMD.

AER Payment Voucher and check are first received and processed by Bank of America for check deposits, return receipts for certified mails will be stamped by Bank of America rather than AQMD. Please mail the required AER Payment Voucher and check to the following address:

South Coast Air Quality Management District
Annual Emission Reporting Program
File No. 54493
Los Angeles, CA 90074-4493

* To avoid late payment surcharges, all mails must be postmarked by the Post Office on or before March 17, 2020

NOTE: For any overnight delivery, example FedEx, please use the following address:

Bank of America Lockbox Services
Lockbox LAC-054493
2706 Media Center Drive
Los Angeles, CA. 90065

If you wish to use a messenger (or hand deliver), the package should be delivered to the cashier's booth at AQMD Headquarters at the address listed below in Diamond Bar on or before 5:00 p.m. March 17, 2020
Please note that AQMD is closed on Mondays.

South Coast Air Quality Management District
ATTN: Finance Cashier
Annual Emission Reporting Program
21865 Copley Drive
Diamond Bar, CA 91765-4178