

AQMD

Reporting Year: 2019

Facility Id: 15507 Print Date: 02/25/2020

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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Facility Type: Schools and Educational Institutions

### **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	со	PM
ES30		507365	P1	Boiler <10	Natural	44.41019	mmscf	EF	lbs/ mmscf	5.500000		100.000000	0.600000	84.000000	7.600000
2000		307300		MMBTU/HR	Gas	2	minoci	Emissions	lbs	244.26		4,441.02	26.65	3,730.46	337.52
ES31		507367	P1	Boiler <10	Natural	4.389632	mmeef	EF	lbs/ mmscf	5.500000		100.000000	0.600000	84.000000	7.600000
L031		307307		MMBTU/HR	Gas	4.303032	minsor	Emissions	lbs	24.14		438.96	2.63	368.73	33.36
ES35		568414	P1	Boiler <10	Distillate Fuel Oil	0.050000	Maal	EF	lbs/ M gal	1.320000		20.000000	0.210000	5.000000	2.000000
L033		300414		MMBTU/HR	No. 2	0.030000	ivi gai	Emissions	lbs	0.07		1.00	0.01	0.25	0.10
EQ52			P1	Heater <10	Propane	0.014840	M gal	EF	lbs/ M gal	0.260000		12.800000	4.600000	3.200000	0.280000
2000	ES53		. '	MMBTU/HR	Порапе	0.014040	ivi yai	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	со	PM
ES1		191558	P1	Stationary I.C. Engines, 4 Stroke-Lean	Distillate Fuel Oil No. 2	0.036300	M gal	EF Emissions	lbs/ M gal	37.500000 1.36		469.000000 17.02	0.210000	102.000000	33.500000
				Burn	140. 2			Emissions	IDS	1.30		17.02	0.01	3.70	1.22
ES2		191560	P1	Stationary I.C. Engines, 4 Stroke-Lean	Natural Gas	0.006600	mmscf	EF	lbs/ mmscf	120.000000		4,162.000000	0.600000	323.000000	10.000000
				Burn	Gas			Emissions	lbs	0.79		27.47	0.00	2.13	0.07
ES3		191561	P1	Stationary I.C. Engines, 4	Distillate Fuel Oil	0.064800	M gal	EF	lbs/ M gal	37.500000		469.000000	0.210000	102.000000	33.500000
200		101001		Stroke-Lean Burn	No. 2	0.001000	ivi gai	Emissions	lbs	2.43		30.39	0.01	6.61	2.17
ES4		257036	P1	Stationary I.C. Engines, 4	Distillate Fuel Oil	0.000700	M gal	EF	lbs/ M gal	37.500000		469.000000	0.210000	102.000000	33.500000
				Stroke-Lean Burn	No. 2		3.4	Emissions	lbs	0.03		0.33	0.00	0.07	0.02
ES5		258489	P1	Stationary I.C. Engines, 4	Distillate Fuel Oil	0.093000	M gal	EF	lbs/ M gal	37.500000		469.000000	0.210000	102.000000	33.500000
				Stroke-Lean Burn	No. 2			Emissions	lbs	3.49		43.62	0.02	9.49	3.12
ES6		273128	P1	Stationary I.C. Engines, 4	Distillate Fuel Oil	0.150000	M gal	EF	lbs/ M gal	37.500000		469.000000	0.210000	102.000000	33.500000
				Stroke-Lean Burn	No. 2		3.4	Emissions	lbs	5.63		70.35	0.03	15.30	5.03
ES7		282371	P1	Stationary I.C. Engines, 4	Distillate Fuel Oil	0.217500	M gal	EF	lbs/ M gal	37.500000		469.000000	0.210000	102.000000	33.500000
				Stroke-Rich Burn	No. 2		3	Emissions	lbs	8.16		102.01	0.05	22.19	7.29
ES9		302650	P1	Stationary I.C. Engines, 4	Distillate Fuel Oil	0.507000	M gal	EF	lbs/ M gal	37.500000		469.000000	0.210000	102.000000	33.500000
				Stroke-Rich Burn	No. 2		3.5	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	со	PM
ES20		370731	P1	Portable I.C. Engines, 4 Stroke-Rich	Gasoline	0.017500	M gal	EF	lbs/ M gal	206.000000		102.000000		3,940.000000	6.500000
				Burn				Emissions	lbs	3.61		1.79	0.09	68.95	0.11
ES21		370734	P1	Stationary I.C. Engines, 4 Stroke-Lean	Distillate Fuel Oil No. 2	0.010300	M gal	EF Emissions	lbs/ M gal	37.500000		469.000000	0.210000	1.05	33.500000
				Burn Portable I.C.											
ES22		422788	P1	Engines, 4 Stroke-Lean Burn	Distillate Fuel Oil No. 2	0.041300	M gal	EF Emissions	lbs/ M gal	37.500000 1.55		469.000000	0.210000	102.000000	33.500000
ES23		424234	P1	Stationary I.C. Engines, 4	Distillate Fuel Oil	0.612000	Magal	EF	lbs/ M gal	37.500000		469.000000	0.210000	102.000000	33.500000
E323		424234	FI	Stroke-Lean Burn	No. 2	0.612000	ivi gai	Emissions	lbs	22.95		287.03	0.13	62.42	20.50
ES24		437317	P1	Stationary I.C. Engines, 4	Distillate Fuel Oil	0.975000	M nal	EF	lbs/ M gal	37.500000		469.000000	0.210000	102.000000	33.500000
		107017		Stroke-Lean Burn	No. 2	0.070000	IVI gai	Emissions	lbs	36.56		457.28	0.20	99.45	32.66
ES25		450004	P1	Stationary I.C. Engines, 4	Distillate Fuel Oil	0.232500	M gal	EF	lbs/ M gal	37.500000		469.000000	0.210000	102.000000	33.500000
				Stroke-Lean Burn	No. 2		_	Emissions	lbs	8.72		109.04	0.05	23.72	7.79
ES26		475147	P1	Stationary I.C. Engines, 4 Stroke-Lean	Distillate Fuel Oil	0.341800	M gal	EF	lbs/ M gal	37.500000		469.000000	0.210000	102.000000	33.500000
				Burn	No. 2			Emissions	lbs	12.82		160.30	0.07	34.86	11.45
ES27		487500	P1	Stationary I.C. Engines, 4	Distillate Fuel Oil	0.387600	M gal	EF	lbs/ M gal	37.500000		469.000000	0.210000	102.000000	33.500000
LOZI		407 300		Stroke-Lean Burn	No. 2	0.507 000	ivi gai	Emissions	lbs	14.54		181.78	0.08	39.54	12.98
ES28		505115	P1	Stationary I.C. Engines, 4	Distillate Fuel Oil	0.900500	M gal	EF	lbs/ M gal	37.500000		469.000000	0.210000	102.000000	33.500000
2020		000110		Stroke-Lean Burn	No. 2	0.000000	IVI gai	Emissions	lbs	33.77		422.33	0.19	91.85	30.17
ES29		507363	P1	Turbines	Natural	306.1693	mmscf	EF	lbs/ mmscf	2.700000		19.340000	0.090000	23.540000	2.500000
		00.000			Gas	88		Emissions	lbs	826.66		5,921.32	27.56	7,207.23	765.42
ES33		543777	P1	Stationary I.C. Engines, 4	Distillate Fuel Oil	0.015200	M gal	EF	lbs/ M gal	37.500000		469.000000	0.210000	102.000000	33.500000
				Stroke-Lean Burn	No. 2		3**	Emissions	lbs	0.57		7.13	0.00	1.55	0.51
ES42			P1	Stationary I.C. Engines, 4 Stroke-Rich	Gasoline	0.035300	M gal	EF	lbs/ M gal	206.000000		102.000000	5.300000	3,940.000000	6.500000
				Burn				Emissions	lbs	7.27		3.60	0.19	139.08	0.23
ES43			P1	Stationary I.C. Engines, 4 Stroke-Lean	Distillate Fuel Oil	0.103400	M gal	EF	lbs/ M gal	37.500000		469.000000	0.210000	102.000000	33.500000
				Burn	No. 2			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	со	РМ
ES44			P1	Stationary I.C. Engines, 4	Natural	0.016337	mmscf	EF	lbs/ mmscf	120.000000		4,162.000000	0.600000	323.000000	10.000000
2044				Stroke-Lean Burn	Gas	0.010007	Timisci	Emissions	lbs	1.96		67.99	0.01	5.28	0.16
ES51		592442	P1	Stationary I.C. Engines, 4	Distillate Fuel Oil	0.465500	M gal	EF	lbs/ M gal	37.500000		469.000000	0.210000	102.000000	33.500000
L331		332442		Stroke-Lean Burn	No. 2	0.400000	ivi gai	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	со	PM
ES34		22188X	P1	Spray Booth	Coating: Wood Products Coatings: Other: Clear	Wood Lacquor Coatings	0.000000	gal	EF	lbs/ gal	2.300000					1.050000
				. ,	Topcoat				Emissions	lbs	0.00					0.00
ES34		22188X	P2	Spray Booth	Coating : Coating of Metal Parts and Products : Other :	Metal Coating Laguer	0.000000	len	EF	lbs/ gal	2.300000					1.050000
LOOT		221007	12	Opray Bootin	Air Dried - One Component	Metal Coating Laquor 0.000	0.000000	gai	Emissions	lbs	0.00					0.00
ES34		22188X	P3	Spray Booth	Coating : Wood Products Coatings : Other : Multi-	Enamel	0.000000	nal	EF	lbs/ gal	2.800000					1.050000
LOOT		22100%	10	Opray Bootin	Colored Coatings	Litanici	0.000000	gai	Emissions	lbs	0.00					0.00
ES34		22188X	P4	Spray Booth	Others : Adhesive and Sealant Applications : Hand	Adhesives - Bonding	0.000000	nal	EF	lbs/ gal	5.200000					1.050000
L034		221007	14	Spray Bootii	Application: Multipurpose Construction Adhesives	Wood	0.000000	gai	Emissions	lbs	0.00					0.00
ES34		22188X	P5	Spray Booth	Coating: Wood Products Coatings: Other: Stains,	Wood Stain	0.000000	gal	EF	lbs/ gal	4.600000					1.050000
			. 0	op.u, 20001	Toners, and Washcoats		5.550000	3~.	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	со	РМ
ES46			P1	Other evaporative sources	Others: Regulated Specific Organic Emissions: Hand Application: Chlorodifluoromethane (HCFC-22)	HCFC-22 (R-22)	30.00000	lbs	EF Emissions	lbs/ lbs						
ES48			P11	Other evaporative sources	Others: Usage of Organic Contained Materials: Hand Application: Specialty Material	Marking Paint, Multipurpose	31.50000 0	gal	EF Emissions	lbs/ gal	2.830000 89.15					
ES48			P14	Other evaporative sources	Coating: Wood Products Coatings: Hand Application: Multi-Colored Coatings	Multipurpose Spray Paint (Aerosol)	51.56000 0	gal	EF Emissions	lbs/ gal	2.830000 145.92					
ES48			P17	Other evaporative sources	Coating: Wood Products Coatings: Other: Pigmented Primers, Sealers and Undercoats	Ultra-Grip Primer	0.000000	gal	EF Emissions	lbs/ gal	0.410000					
ES48			P19	Other evaporative sources	Others : Usage of Organic Contained Materials : Other : Specialty Material	Foam Sealant	2.250000	gal	EF Emissions	lbs/ gal	2.500000					
ES48			P22	Other evaporative sources	Others : Usage of Organic Contained Materials : Other : Specialty Material	Acrylic Latex w/Silicone Caulking	5.630000	gal	EF Emissions	lbs/ gal	0.160000					
ES48			P23	Other evaporative sources	Others : Adhesive and Sealant Applications : Hand Application : Multipurpose Construction Adhesives	Liquid Nails Adhesive	1.560000	gal	EF Emissions	lbs/ gal	2.400000					
ES48			P24	Other evaporative sources	Others : Adhesive and Sealant Applications : Roller Application : Sealants - Non- Rule 1113 Architectural	Elastomeric Sealant Caulking	0.470000	gal	EF Emissions	lbs/ gal	0.360000					

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	со	PM
ES48			P26	Other evaporative sources	Others : Adhesive and Sealant Applications : Roller Application : Sealants - Non-	Fire-Stop Sealant	1.410000	gal	EF	lbs/ gal	0.620000					
				Journal	Rule 1113 Architectural				Emissions	lbs	0.87					
ES48			P27	Other evaporative sources	Others : Adhesive and Sealant Applications : Roller Application : Sealants - Non-	Silicone, Multicolored	10.95000	gal	EF	lbs/ gal	0.292000					
					Rule 1113 Architectural				Emissions	lbs	3.20					
ES48			P28	Other evaporative sources	Others: Usage of Organic Contained Materials: Other:	Loctite Fixmaster Anchor Bolt Grout Epoxy	4.400000	gal	EF	lbs/ gal	0.070000					
				Sources	Specialty Material	Dok Grout Epoxy			Emissions	lbs	0.31					
ES48			P31	Other evaporative	Others : Usage of Organic Contained Materials : Other :	Mapp Gas Cylinder	5.000000	gal	EF	lbs/ gal	4.330000					
				sources	Specialty Material			9	Emissions	lbs	21.65					
ES48			P33	Other evaporative	Others : Adhesive and Sealant Applications : Hand	3M Fastbond Contact	0.000000	nal	EF	lbs/ gal	0.310000					
L040			1 00	sources	Application : Multipurpose Construction Adhesives	Cement	0.000000	gai	Emissions	lbs	0.00					
ES48			P36	Other evaporative	Others : Adhesive and Sealant Applications : Hand Application : Multipurpose	Spray Adhesive	1.120000	0 gal	EF	lbs/ gal	5.260000					
				sources	Construction Adhesives			3	Emissions	lbs	5.89					
ES48			P37	Other evaporative	Others : Usage of Organic Contained Materials : Other :	Penetrating Oil Lube	0.000000	gal	EF	lbs/ gal	2.820000					
				sources	Specialty Material	_			Emissions	lbs	0.00					
ES48			P38	Other evaporative	Others : Usage of Organic Contained Materials : Other :	TKX Spray Lubricant	2.060000	gal	EF	lbs/ gal	3.830000					
				sources	Specialty Material	, ,			Emissions	lbs	7.89					
ES48			P39	Other evaporative	Others : Adhesive and Sealant Applications : Hand	Gorilla Glue	0.750000	gal	EF	lbs/ gal	0.100000					
			. 00	sources	Application : Multipurpose Construction Adhesives	John Jacobson Jacobso	0.7.00000	gu.	Emissions	lbs	0.08					
ES48			P41	Other evaporative	Others : Adhesive and Sealant Applications : Roller	Chemlink Duralink	3.750000	nal	EF	lbs/ gal	0.180000					
L040			1 41	sources	Application : Sealants - Non- Rule 1113 Architectural	Sealan	0.700000	gai	Emissions	lbs	0.68					
ES48			D/12	Other evaporative	Others : Adhesive and Sealant Applications : Roller	Chemlink Novalink	3.750000	aal	EF	lbs/ gal	0.120000					
L040			1 72	sources	Application : Sealants - Non- Rule 1113 Architectural	Sealant	3.730000	gal	Emissions	lbs	0.45					
ES48			P43	Other evaporative	Coating: Wood Products Coatings: Other: Multi-	Ceiling Tile Spray	2.810000	0 gal	EF	lbs/ gal	3.200000					
			5	sources	Colored Coatings	James opia,			Emissions	lbs	8.99					
ES48			P45	Other evaporative	Others : Usage of Organic Contained Materials : Other :	Loosen Up Aerosol	1.130000	) dal	EF	lbs/ gal	3.000000					
2040			. 40	sources	Specialty Material	Penetrant	1.130000	gui	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	со	РМ
ES48			P47	Other evaporative sources	Others : Usage of Organic Contained Materials : Other :	Tri-flow Lubricant	2.060000	gal	EF	lbs/ gal	2.400000					
				sources	Specialty Material				Emissions	lbs	4.94					
ES48			P48	Other evaporative sources	Others: Usage of Organic Contained Materials: Other:	WD-40	3.750000	gal	EF	lbs/ gal	3.440000					
				0001000	Specialty Material				Emissions	lbs	12.90					
ES48			P50	Other evaporative sources	Others : Usage of Organic Contained Materials : Other :	Rust Aerosol Penetrant	3.120000	gal	EF	lbs/ gal	5.530000					
				Sources	Specialty Material				Emissions	lbs	17.25					
ES48			P53	Other evaporative	Others : Usage of Organic Contained Materials : Hand	Dap Kwik-Seal Caulking	4.030000	anl	EF	lbs/ gal	0.270000					
E346			P33	sources	Application : Specialty Material	Dap Kwik-Seai Caulking	4.030000	gai	Emissions	lbs	1.09					
ES48			P56	Other evaporative	Coating: Wood Products	Aprilia/Latay Daint	0.000000		EF	lbs/ gal	0.400000					
E346			P30	sources	Coatings : Hand Application : Multi-Colored Coatings	Acrylic/Latex Paint	0.000000	gai	Emissions	lbs	0.00					
ES48			P61	Other evaporative	Others : Adhesive and Sealant Applications : Hand	Polyurethane Caulking	0.000000	gal	EF	lbs/ gal	1.620000					
L340			FUI	sources	Application : Multipurpose Construction Adhesives	Folyuretriane Caulking	0.000000	gai	Emissions	lbs	0.00					
ES48			P62	Other evaporative	Others : Adhesive and Sealant Applications : Roller	Henry 108 and 208	0.000000	aal	EF	lbs/ gal	2.500000					
L040			1 02	sources	Application : Nonmembrane Roof Sealant	cements	0.000000	gai	Emissions	lbs	0.00					
ES48			P63	Other evaporative	Others : Adhesive and Sealant Applications : Hand	Chemlink "M-1" Structural	4.690000	aal	EF	lbs/ gal	0.140000					
2040			1 03	sources	Application: Multipurpose Construction Adhesives	Adhesive/Sealant	4.030000	gai	Emissions	lbs	0.66					
ES48			P64	Other evaporative	Others : Usage of Organic Contained Materials : Other :	Drummond Prizm Penetrating lubricant	0.000000	gal	EF	lbs/ gal	3.120000					
E340			F04	sources	Specialty Material	with PTFE	0.000000	yaı	Emissions	lbs	0.00					
ES48			P67	Other evaporative	Others : Adhesive and Sealant Applications : Hand	HVAC Blue Pipe Joint	0.780000	gal	EF	lbs/ gal	0.260000					
L340			FUI	sources	Application : Multipurpose Construction Adhesives	Compound	0.780000	gai	Emissions	lbs	0.20					
ES48			P68	Other evaporative	Others : Adhesive and Sealant Applications : Hand	ABS 773 Cement	0.000000	aal	EF	lbs/ gal	2.710000					
L340			1 00	sources	Application: ABS Welding Adhesive	ADO 110 Odilibili	0.000000	gai	Emissions	lbs	0.00					
ES48			P69	Other evaporative	Solvents : Solvent Cleaning Operations : Wipe Cleaning :	Safety Solvent and	1 970000	nal	EF	lbs/ gal						
L340			F 03	sources	Product Cleaning/Surface Preparation	Degreaser	1.970000	yaı	Emissions	lbs						
ES48			P70	Other evaporative	Others : Usage of Organic Contained Materials : Hand	Clean Lube II	1.000000	nal	EF	lbs/ gal	5.250000					
2040			170	sources	Application : Specialty Material	Ciodii Eddo II	1.000000	gui	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	со	PM
ES48			P71	Other evaporative	Others: Usage of Organic Contained Materials: Other:	Synthetic Rubber Aerosol Coating	1.360000	aal	EF	lbs/ gal	4.860000					
L040			. , ,	sources	Specialty Material	(Multicolor)	1.300000	gai	Emissions	lbs	6.61					
ES48			P72	Other evaporative	Others : Adhesive and Sealant Applications : Hand	Honny 227 Adhaniya	10.00000	gol	EF	lbs/ gal	0.014200					
E346			P/2	sources	Application : Dry Wall and Panel Adhesives	Henry 237 Adhesive	0	gal	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	со	PM
ES40			P1	Storage tank and	Distillate fuel oil no.	3.213000	M nal	EF	lbs/ M gal	0.028000					
2040				Dispensing	2	0.210000	ivi gai	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	со	PM	Permit Equipment Description
ES38		568418	P2	Miscellaneous Operations and Services : Others - Not Classified : Operations & Maintenance : Annual	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			Emissions	lbs	0.40		7.38	0.03	1.99	0.43	
				Miscellaneous Operations and Services : Others - Not			EF	lbs/ mmscf	7.000000		130.000000	0.600000	35.000000	7.500000	CHARBROILER - NATURAL GAS
ES39		568420	P2	Classified : Operations & Maintenance : Annual Emissions	0.056806	mmscf	Emissions	lbs	0.40		7.38	0.03	1.99	0.43	
=0.1=				Miscellaneous Operations and Services : Laboratory /			EF	lbs/ gal	12.300000						
ES45			P1	Testing / R&D : Operations & Maintenance : Bench Scale	0.300000	gai	Emissions	lbs	3.69						
ES45			P2	Miscellaneous Operations and Services : Laboratory / Testing / R&D : Operations	205.1000	gol	EF	lbs/ gal	6.800000						
E343			FZ	& Maintenance : Bench Scale	00	gal	Emissions	lbs	1,394.68						
ES45			P3	Miscellaneous Operations and Services : Laboratory / Testing / R&D : Operations	27.70000		EF	lbs/ gal	5.500000						
E343			Po	& Maintenance : Bench Scale	0	gal	Emissions	lbs	152.35						
5045			D.4	Miscellaneous Operations and Services: Laboratory /	F 000000		EF	lbs/ gal	6.600000						
ES45			P4	Testing / R&D : Operations & Maintenance : Bench Scale	5.300000	gai	Emissions	lbs	34.98						
ES45			P5	Miscellaneous Operations and Services : Laboratory / Testing / R&D : Operations	41.20000	gol	EF	lbs/ gal	6.600000						
E343			Fυ	& Maintenance : Bench Scale	0	yaı	Emissions	lbs	271.92						

AER Device ID	Permit Device ID	A/N	Process ID	Activity	Throughput	Units		Criteria Pollutant Units	ROG	SPOG	NOx	SOx	со	РМ	Permit Equipment Description
ES45			P6	Miscellaneous Operations and Services : Laboratory / Testing / R&D : Operations & Maintenance : Bench Scale	0.000000	gal	EF Emissions	lbs/ gal	7.200000						
ES45			P7	Miscellaneous Operations and Services: Laboratory / Testing / R&D: Operations & Maintenance: Bench Scale	33.30000 0	gal	EF Emissions	lbs/ gal	5.950000						
ES45			P9	Miscellaneous Operations and Services : Laboratory / Testing / R&D : Operations	8.500000	gal	EF	lbs/ gal	6.500000						
				& Maintenance : Bench Scale			Emissions	lbs	55.25						
ES45			P10	Miscellaneous Operations and Services : Laboratory / Testing / R&D : Operations & Maintenance : Bench	5.300000	gal	EF	lbs/ gal	5.840000						
				Scale			Emissions	lbs	30.95						
ES45			P11	Miscellaneous Operations and Services : Laboratory / Testing / R&D : Operations	15.90000 0	gol	EF	lbs/ gal	5.220000						
L343			FII	& Maintenance : Bench Scale	0	yaı	Emissions	lbs	83.00						
				Miscellaneous Operations and Services: Laboratory /	10.60000		EF	lbs/ gal	7.520000						
ES45			P12	Testing / R&D : Operations & Maintenance : Bench Scale	0	gal	Emissions	lbs	79.71						
ES45			P14	Miscellaneous Operations and Services : Laboratory / Testing / R&D : Operations	16.90000	gol	EF	lbs/ gal							
E343			F14	& Maintenance : Bench Scale	0	gal	Emissions	lbs							
F6 :-			D.1-	Miscellaneous Operations and Services: Laboratory /	0.00000		EF	lbs/ gal	7.260000						
ES45			P15	Testing / R&D : Operations & Maintenance : Bench Scale	0.000000	gai	Emissions	lbs	0.00						
ES45			D16	Miscellaneous Operations and Services : Laboratory / Testing / R&D : Operations	0.000000	gal	EF	lbs/ gal	7.340000						
E343			F 10	& Maintenance : Bench Scale	0.000000	yaı	Emissions	lbs	0.00						
F6 :-			D.1=	Miscellaneous Operations and Services: Laboratory /	4.40000		EF	lbs/ gal	9.000000						
ES45			P17	Testing / R&D : Operations & Maintenance : Bench Scale	1.100000	gal	Emissions	lbs	9.90						
ES50			P1	Miscellaneous Operations and Services : Cooling	2,782.465 400	MM gal	EF	lbs/ MM gal						0.550000	
				Towers : Comfort Cooling (HVAC) : Mechanical Draft	400	yui	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	со	РМ	Permit Equipment Description
ES50			P2	Miscellaneous Operations and Services : Cooling Towers : Comfort Cooling	834.0000 00	tons	EF	lbs/ tons						1.643000	
				(HVAC) : Mechanical Draft	00		Emissions	lbs						1,370.26	
ES50			Р3	Miscellaneous Operations and Services : Cooling	800.0000	tons	EF	lbs/ tons						1.643000	
				Towers : Comfort Cooling (HVAC) : Mechanical Draft	00		Emissions	lbs						1,314.40	
				Miscellaneous Operations and Services : Building	96.80000		EF	lbs/ tons						0.006000	
ES52			P1	Construction & Demolition : Demolition : Mechanical or Explosive Dismemberment	0	tons	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	



Reporting Year:

2019

Facility Id: 15507

Print Date:

02/25/2020

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



Reporting Year:

2019

Facility Id: 15507

Print Date: 02/25/2020

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



Reporting Year: 2019

Facility Id: 15507 Print Date: 02/25/2020

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



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 F	EES FOR ALL CRITI	ERIA POLLUTANT	S			\$1,514.20
2. TOXIC AIR CONTAI	IINANTS/ OZONE D	EPLETER FEES (T	Total amount from	Form TACS or DC)		\$5,204.12
		TAC Fees Brea	akdown			
Facility Flat Fee:					¢70 02	

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



Reporting Year: 2019

15507 Facility Id: 02/25/2020 Print Date:

Facility Name CALIFORNIA STATE UNIVERSITY, FULLERTON

Facility Type: Schools and Educational Institutions

#### **Electronic Certification Sheet**

Information

NAICS code:

RECLAIM:

AB2588 Filing Period: No

No

7

51

**Facility Operating Status:** Operating

Classified As Small Business: Νo

**Business Operating Hours** 

24 Hours/Day;

Days/Week: Weeks/Year:

A university for educational higher learning.

**Equipment Location Address** 

Facility Name:

Title:

E-mail:

CALIFORNIA STATE UNIVERSITY, FULLERTON

800 N STATE COLLEGE BLVD

FULLERTON, CA 92831

**Mailing Information** 

**Brief Description of Operation** 

Facility Name:

CALIFORNIA STATE UNIVERSITY, FULLERTON

800 N State College BLVD, Suite T-1475

Fullerton, CA 92831 3547

**Contact Information** 

Name: Robert Denman

**Environmental Compliance Specialist** 

E-mail: rdenman@fullerton.edu Phone:

657 278-8118

Fax:

657 278-8240

**Preparer Information** 

Name: Robert Denman

Phone:

657 278-8118

Title: **Environmental Compliance Specialist** rdenman@fullerton.edu

Fax:

657 278-8240

**Authorized Person Information** 

Name: Robert Denman Phone:

657 278-8118

Title: **Environmental Compliance Specialist**  Fax:

657 278-8240

E-mail: rdenman@fullerton.edu

I declare under penalty of perjury that the data submitted truly represents throughput and emissions for this reporting period, and that the emission factors represent the best available data for my company in the calculation of annual emission figures.

I acknowledge that I have read the South Coast AQMD Certification Statement.\*

I agree on the responsibility for this AER Report Submission in accordance with Certification Statement.\*



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

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

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