

Chapter 30, "Air Quality", is being updated. The exhibit, Air Quality: Permitted and Permit-exempt Emissions Source Requirements, has been replaced by this excerpt from the current permit.

Bay Area Air Quality Management District Sources on the Synthetic Minor Permit

BAAQMD Source No.	Building	Permit Description	Source	Data Tracked	Permit Limit	Records retention & requirements
S-5	B035 Paint Shop	Spray booth, Air atomized, 10 gal/yr clean up, Multi-coatings SPRAY BOOTH	B035 Paint Shop	Coatings	Coatings: 700 Gal/12-month rolling total	Monthly summaries of coating and solvent usage required. AQ collects records monthly. Retain records for 5 years.
				Solvents	88 Gal/12-month	
S-17	B024 Controls Department [Current - equipment is onsite, in B026 Metal Shop, not electrified]	MINERL> Grinding, Glass .01 tons/hr max Metal & Epoxy Glass Grinding Abated by: A17 Baghouse, Simple	Metal Grinding Ops - MINERL> Grinding, Glass 0.01 tons/hr max Metal & Epoxy Glass Grinding		A17 Baghouse, Simple	
S-36	B137s	Solvent cleaning, 697.2 gal/yr net solvent, 59 deg F Facility-wide Small-scale Solvent Cleaning Operations	Facility-wide small scale solvent cleaning operations	Solvents	1253 Gal/12-month rolling total	Monthly summaries of coating and solvent usage required. AQ collects records monthly. Retain records for 5 years.
				TCE	5 Gal/12-month	
				TCA	140 Gal/12-month	
				Acetone	unlimited	
S-36	B137s	Solvent cleaning, 697.2 gal/yr net solvent, 59 deg F Facility-wide Small-scale Solvent Cleaning Operations	Facility-wide small scale solvent cleaning operations	Ethanol	unlimited	Monthly summaries of coating and solvent usage required. AQ collects records monthly. Retain records for 5 years.
S-37	B025 Plating Shop	Solvent cleaning, 175 gal/yr net solvent, 140 deg F Cold Cleaner	Plating Shop B025 Tank #7	Solvent (IPA)	600 Gal/12-month rolling total	Monthly Usage - Record in plating shop log book. Provide records to EP's AQ program manager on 1st working day of the month. Retain records for 2 years.
S-42	B007	Fixed roof tank, 500 gal, Dark Grey, Diesel fuel, Diesel Fuel Storage Tank (P3)	B007 Diesel fuel tank - 3.75 ft diam diesel fuel storage			
S-44	B082	Fixed Roof tank, 500 gal, Light Brown, Diesel fuel, Diesel Fuel Tank (P5)	B081 Diesel fuel tank (Formerly located at B082 Fire Station, physically relocated to B081)			
S-45	B112	Fixed roof tank, 2K gal, Light Brown, Diesel fuel, 5 ft diam, Diesel Fuel Tank (P6)	B112 Master Substation Diesel fuel tank			

BAAQMD Source No.	Building	Permit Description	Source	Data Tracked	Permit Limit	Records retention & requirements
S-49	B025 Plating Shop	MTGL/SEC> Plating, .002 ton/hr max Copper and Precious Metals Plating Baths. Abated by: A49 Packed Bed Scrubber	Cyanide Plating Baths Abated by A49 Packed Bed Scrubber, Stack P49	P49 Stack		
S-52	B023 Central Utilities (West Unit)	Boiler for Space Heat only, 11760K BTU/hr max, Natural gas Fire Tube Hot Water Boiler	Central Utilities B023 Natural Gas Fire Tube Hot Water Boiler #201, 2,410 gal water capacity Clever Brooks	Stack: P52	Diesel-fired hours: 500 hours/12-month rolling total	N/A - diesel fuel capability has been removed
				Natural Gas Heat input rate	11.76 MMBtu/hr	Estimated heat input rate to boiler (using monthly natural gas & higher heating value). Retain records for 2 years.
				NOX CO	15 ppmvd @ 3% O2 50 ppmvd @ 3% O2	Annual Source Test. Retain records for 2 years.
S-54	B025 Plating Shop	Degreaser, Perchloroethylene, 111- Trichloroethane, NZE Degreaser Abated by: A54 Adsorption , Activated Carbon/Charcoal	Plating Shop B025 Baron Blakeslee Near Zero Emissions Degreaser Abated by A54 Adsorption, Activated Carbon/Charcoal	PERC	50 Gal/12-month rolling total	Monthly Usage - Record in plating shop log book. Provide records to EP's AQ program manager on 1st working day of the month. Retain records for 2 years.
				TCA	50 Gal/12-month	
S-57	B038 Metal Finishing Pretreatment Facility (MFPF)	MISC DRY> Dryer, Burns Natural gas, 225K BTU/hr max Sludge dryer Abated by A57 Venturi Scrubber	MFPF B038 Sludge Dryer Abated by: A57 Venturi Scrubber, P57 Stack	Wet Sludge Throughput	71 ton/12-month	Filter cake records converted to annual waste sludge throughput
				Copper	463 lb/12-month	Triennial source testing
				Nickel Hex chromium	0.75 lb/12-month 0.0014 lb/12-month	
S-59	B031 Building Wide	Degreaser, 25 gal/yr net solvent, Ethyl alcohol, Acetone, Solvent Cleaning Operations (Bldg 31)	B031 Solvent Usage	Ethanol	Combined total of 200 Gallons/12-month	Monthly summaries of coating and solvent usage required. AQ collects records monthly. Retain records for 2 years.
				Acetone		
				Isopropanol		
S-60	B025 Plating Shop	Degreaser, 2 gal/yr net solvent, Isopropyl alcohol, 68 deg F Ultrasonic solvent cleaner	Plating Shop B025 Tank #8	IPA	100 Gal/12-month	Monthly Usage - Record in plating shop log book. Provide records to EP's AQ program manager on 1st working day of the month. Retain records
				Acetone	100 Gal/12-month	
				Ethanol	100 Gal/12-month	
				Methanol	100 Gal/12-month	

BAAQMD Source No.	Building	Permit Description	Source	Data Tracked	Permit Limit	Records retention & requirements
S-62	Facility Wide	Solvent use, 60.5 gal/yr net solvent FACILITY-WIDE EPOXY/ADHESIVE OPERATIONS	Facility-Wide Epoxy/Adhesive Operations	Adhesive Epoxies	1183 Gal/12-month	Purchasing data tracked in CMS
				Adhesives & Epoxy Aerosol	395 Gal/12-month	
				Acetone	unlimited	
				Ethanol	unlimited	
S-63	Facility Wide	Solvent use, 15.37 gal/yr net solvent FACILITY-WIDE PAINTING/COATING	Facility Wide Painting/Coating Operations	Coatings	1132 Gal/12-month	Purchasing data tracked in CMS
				Aerosol	323 Gal/12 months	
				Acetone	unlimited	
				Ethanol	unlimited	
S-68	B007	Standby Diesel engine, 277 hp, EPA# XCEXL0505ABA, Cummins Diesel Engine: Emergency Standby, DGFA (Bldg 7)	B007 Cummins Diesel Emergency Engine (SBG 007)	Hours Operated (Emergency and Non-Emergency)	20 hrs/yr non-emergency use; Unlimited Emergency Use Hours (unplanned outage)	Run time meter read monthly, description of engine use, both provided to AQ. Retain records for 5 years.
					Shall operate only with a properly working non-resettable totalizing hours meter	
S-76	B081, Outside SW corner	CHEM> Separating, oil/water, Waste water-other/not spec oil/water separator	B081 Oil Water Separator		Maximum daily waste water flow: 2,000 gal/day of waste water to S-76	Flow meter rcorred daily, provided to AQ. Retain records for 2 years.
S-78		MTGL/SEC> Sawing, Steel, 80 tons/hr max, Plasma-Arc Cutting Tool	MTGL/SEC> Sawing, Steel, 80 tons/hr max, Plasma-Arc Cutting Tool			
S-80	B426	CHEM> Contaminated soil remediation, 12K cubic feet/hr max soil vapor extraction system	B426 Former Hazardous Waste Storage Area (FHWSA) Soil Vapor Extraction (SVE)	Benzene	1.8 E-2 lb/day	Information recorded daily when operating. Retain records for 2 years.
	B015 Parking Lot FHWSA			Carbon Tetrachloride	1.2 E-2 lb/day	
				1, 1-Dichloroethane	3.0 E-1 lb/day	
				1, 2- Dichloroethane	2.4 E-2 lb/day	
				1, 4-Dioxane	6.6 E -2 lb/day	
				Methylene Chloride	4.9 E-1 lb/day	
				Perchloroethylene	8.2 E-2 lb/day	
				Trichloroethylene	2.5 E-1 lb/day	
				Vinyl Chloride	6.6 E-3 lb/day	
				Total VOCs	10 lb/day	
				Maximum soil Vapor	200 scfm	

BAAQMD Source No.	Building	Permit Description	Source	Data Tracked	Permit Limit	Records retention & requirements
S-82	B035	CHEM> Contaminated soil remediation, 2520 cubic feet/hr max soil vapor extraction system	B035 (Outdoor) Former Solvent Underground Storage Tank (FSUST) SVE	Benzene	1.8 E-2 lb/day	Information recorded daily when operating. Retain records for 2 years.
	FSUST			Carbon Tetrachloride	1.2 E-2 lb/day	
				1, 1-Dichloroethane	3.0 E-1 lb/day	
				1, 2- Dichloroethane	2.4 E-2 lb/day	
				1, 4-Dioxane	6.6 E-2 lb/day	
				Methylene Chloride	4.9 E-1 lb/day	
				Perchloroethylene	8.2 E-2 lb/day	
				Trichloroethylene	2.5 E-1 lb/day	
				Vinyl Chloride	6.6 E-3 lb/day	
				Total VOCs	10 lb/day	
				Maximum soil Vapor	42 scfm	
S-85	B950 North West (W of LCLS CUP/NEH)	Standby Diesel engine, 635 hp, EPA# 7DDXL14, 0VLD Emergency standby diesel Generator Set	B950 Diesel Emergency Generator (SBG-950)	Hours Operated (Emergency and Non-Emergency)	50 hrs/yr non-emergency use; Unlimited Emergency Use Hours (unplanned outage) Shall operate only with a properly working non-resettable totalizing hours meter	Run time meter read monthly, description of engine use, both provided to AQ. Retain records for 5 years.
S-86	B120/ East side (infield)	Standby Diesel engine, 79 hp, EPA# AJDXL03.0113, Deere Power Emergency Standby Diesel Generator set	B120/ Eastside (infield) Low Use Engine (SBG 100 or SBG 120)	Hours operated (Emergency and Non-Emergency) and Fuel usage	100 non-emergency use hours/12-month; Unlimited Emergency Use Hours (unplanned outage)	Run time meter read monthly and provided to AQ. Retain records for 5 years.
				Shall operate only with a properly working NETT GreenTrap Diesel Particulate Filter	<u>Operate Diesel Particulate Filter (A86) in compliance with the requirements of the applicable CARB Executive Order.</u> Shall operate and maintain engine and control device according to manufacturer's emission-related written instructions, change only emission-related settings that are permitted by the manufacturer.	PM records documenting working DPF and provided to AQ. Retain records for 5 years.

BAAQMD Source No.	Building	Permit Description	Source	Data Tracked	Permit Limit	Records retention & requirements
S-87	B131/ S side (outside)	Standby Diesel engine, 79 hp, EPA# AJDXL03.0113, Deere Power Emergency Standby Diesel Generator set	B131/ South side (outside) Low Use Engine (SBG-131)	Hours operated (Emergency and Non-Emergency) and Fuel usage	100 non-emergnecy use hours/12-month; Unlimited Emergency Use Hours (unplanned outage)	Run time meter read monthly and provided to AQ. Retain records for 5 years.
				Shall operate only with a properly working NETT GreenTrap Diesel Particulate Filter	<u>Operate Diesel Particulate Filter (A87) in compliance with the requirements of the applicable CARB Executive Order.</u> Shall operate and maintain engine and control device according to manufacturer's emission-related written instructions, change only emission-related settings that are permitted by the manufacturer.	PM records documenting working DPF and provided to AQ. Retain records for 5 years.

BAAQMD Source No.	Building	Permit Description	Source	Data Tracked	Permit Limit	Records retention & requirements
S-88	Mobile	Portable Prime Diesel Engine - QAS 330 w/Integral DOC & SCR Abatement Internal Combustion Engine, John Deere, Model 609HFG06, 442 hp	QAS 330 with integral selective catalytic reduction(SCR) and diesel oxidation catalyst. (SBG-1001) can be used for PLANNED or UNPLANNED outages	Total Hours Operated	2,000 hours of total operation (regular operation, maintenance and unplanned outage) in any consecutive 12-month period.	Run time meter read monthly and provided to AQ. Retain records for 2 years.
					Shall operate only with a properly working non-resettable totalizing hours meter or a non-resettable fuel usage meter	
				Shall operate only with an integral selective catalytic reduction (SCR) and diesel oxidation catalyst.	Shall operate and maintain engine and control device according to manufacturer's emission-related written instructions, change only emission-related settings that are permitted by the manufacturer.	Documentation of any emission-related settings changed.
				Geographic Restrictions	Shall comply with: a) operate within the boundary of the facility; b) NOT operate within 600 feet from any residence, and c) NOT operate within 170 feet of any permanent offsite workplace.	

BAAQMD Source No.	Building	Permit Description	Source	Data Tracked	Permit Limit	Records retention & requirements
S-89	Mobile	Portable Prime Diesel Engine - QAS 125w/Integral DOC & SCR Abatement Internal Combustion Engine, John Deere, Model 4145HFG06, 172 hp	QAS 125 with integral selective catalytic reduction(SCR) and diesel oxidation catalyst. (SBG-1002) can be used for PLANNED or UNPLANNED outages	Total Hours Operated	2,000 hours of total operation (regular operation, maintenance and unplanned outage) in any consecutive 12-month period.	Run time meter read monthly and provided to AQ. Retain records for 2 years.
					Shall operate only with a properly working non-resettable totalizing hours meter or a non-resettable fuel usage meter	
				Shall operate only with an integral selective catalytic reduction (SCR) and diesel oxidation catalyst.	Shall operate and maintain engine and control device according to manufacturer's emission-related written instructions, change only emission-related settings that	Documentation of any emission-related settings changed.
				Geographic Restrictions	Shall comply with: a) operate within the boundary of the facility; b) NOT operate within 600 feet from any residence, and c) NOT operate within 170 feet of any permanent offsite workplace.	
S-137, S-138, S-139, & S-140	TL, CL & PSA	CHEM> Contaminated soil remediation, contaminated soil vapor extraction system	Total combined Central Lab SVE, Plating Shop Area (PSA) SVE and PSA Air Stripper	Benzene	1.0 E-2 lb/day	Information recorded daily when operating. Retain records for 2 years.
	Carbon Tetrachloride			6.8 E-3 lb/day		
	1, 1-Dichloroethane			1.8 E-1 lb/day		
	1, 2- Dichloroethane			2.4 E-2 lb/day		
	1, 4-Dioxane			3.8 E-2 lb/day		
	Methylene Chloride			3.0 E-1 lb/day		
	Perchloroethylene			4.9 E-2 lb/day		
	Trichloroethylene			1.5 E-1 lb/day		
	Vinyl Chloride			3.8 E-3 lb/day		
	Total VOCs			10 lb/day		
S-138	Central Lab	CHEM> Contaminated soil remediation, contaminated soil vapor extraction system	Central Lab (CL) Soil Vapor Extraction System (B040)	Soil Vapor Flow Rate	Soil Vapor Flow Rate: 65 scfm	Information recorded daily when operating. Retain records for 2 years.
S-139	PSA B450 Enclosure	CHEM> Contaminated soil remediation, contaminated soil vapor extraction system	Plating Shop Area (PSA) Soil Vapor Extraction System (B450 Enclosure)	Soil Vapor Flow Rate	Soil Vapor Flow Rate: 260 scfm	Information recorded daily when operating. Retain records for 2 years.

BAAQMD Source No.	Building	Permit Description	Source	Data Tracked	Permit Limit	Records retention & requirements
S-140	PSA B450 Enclosure	MISC, Water 290 thou gallons/hr max, Air Stripper System	Plating Shop Area (PSA) Air Stripper (B450 Enclosure)	Air Stripper flow rate	Air Stripper flow rate: 12 gal/min	Information recorded daily when operating. Retain records for 2 years.
S-141	B050 (Outside SE)	Standby Diesel engine, 762 hp, EPA# 8CPXL15.2ELW, Caterpillar Emergency Standby diesel generator set (Bldg 50)	B050 (Outside) SE, Caterpillar Standby Emergency Diesel Engine (SBG-050)	Hours Operated (Emergency and Non-Emergency)	50 hrs/yr non-emergency use; Unlimited Emergency Use Hours (unplanned outage) Shall operate only with a properly working non-resettable totalizing hours meter	Run time meter read monthly, description of engine use, both provided to AQ. Retain records for 5 years.
S-142	B685 (SE)	Standby Diesel engine, 158 hp, EPA# 9JDXL04.5103, John Deere Stationary Standby diesel generator set	B685 (SE), Standby Emergency Diesel Engine (SBG-680)	Hours Operated (Emergency and Non-Emergency)	50 hrs/yr non-emergency use; Unlimited Emergency Use Hours (unplanned outage) Shall operate only with a properly working non-resettable totalizing hours meter	Run time meter read monthly, description of engine use, both provided to AQ. Retain records for 5 years.

BAAQMD Source No.	Building	Permit Description	Source	Data Tracked	Permit Limit	Records retention & requirements
S-143	B016 Master Substation East Side	Standby Diesel engine, 364 hp, EPA# BCEXL0540AAB, Cummins Stationary Standby generator set	B016 Master Substation East Side Standby Emergency Diesel Engine (SBG-016)	Hours Operated (Emergency and Non-Emergency)	50 hrs/yr non-emergency use; Unlimited Emergency Use Hours (unplanned outage) Shall operate only with a properly working non-resettable totalizing hours meter	Run time meter read monthly, description of engine use, both provided to AQ. Retain records for 5 years.
S-145	B025 Plating Shop	Solvent Cleaning Compact Vapor Degreaser/Electroplating Shop	Plating Shop B025 Crest Ultrasonic Cleaner	DuPont Vertrel SDG (1,2 - DCE)	DuPont Vertrel SDG (1,2 - DCE): 60 gal/12-month rolling total; If using an alternative to Vertrel SDG then: 646 lb VOC/12-months	Monthly Usage - Record in plating shop log book. Provide records to EP's AQ program manager on 1st working day of the month. Retain records for 2 years.
S-146	B023 Central Utilities (East Unit)	Boiler for Space Heat only, 12400K Btu/hr max, Natural gas Fire Tube Hot Water Boiler	Central Utilities B023 Natural Gas Boiler #200 Superior 2,446 gal water capacity	Natural Gas Heat input rate	12.4 MMBtu/hr	Estimated heat input rate to boiler (using monthly natural gas & higher heating value). Retain records for 2 years.
				NOX	9 ppmvd @ 3% O2	Annual Source Test. Retain records for 2 years.
				CO	50 ppmvd @ 3% O2	
S-147	Master Substation IR-10 (W of 137)	Standby Diesel engine, 80 hp, EPA# BJDXL03.0113, John Deere Emergency Standby Diesel Generator Set	Master Substation IR-10 (W of 137), Standby Emergency Diesel Engine (SBG-706s)	Hours Operated (Emergency and Non-Emergency)	50 hrs/yr non-emergency use; Unlimited Emergency Use Hours (unplanned outage) Shall operate only with a properly working non-resettable totalizing hours meter	Run time meter read monthly, description of engine use, both provided to AQ. Retain records for 5 years.
S-148	B052 Master Substation (South Side)	Standby Diesel engine, 274 hp, EPA# CCPKXL06.6PJ1, Caterpillar Emergency Standby Diesel Generator Set	B052 Master Substation (South Side), Standby Emergency Diesel Engine (SBG-052)	Hours Operated (Emergency and Non-Emergency)	50 hrs/yr non-emergency use; Unlimited Emergency Use Hours (unplanned outage) Shall operate only with a properly working non-resettable totalizing hours meter	Run time meter read monthly, description of engine use, both provided to AQ. Retain records for 5 years.
S-149	B006 Cryogenics/SSRL	Standby Diesel engine, 230 hp, EPA# EPKXL06.6PJ1, John Deere Emergency Standby Diesel Generator Set	B006 Cryogenics/SSRL, Standby Emergency Diesel Engine (SBG-006)	Hours Operated (Emergency and Non-Emergency)	50 hrs/yr non-emergency use; Unlimited Emergency Use Hours (unplanned outage) Shall operate only with a properly working non-resettable totalizing hours meter	Run time meter read monthly, description of engine use, both provided to AQ. Retain records for 5 years.

BAAQMD Source No.	Building	Permit Description	Source	Data Tracked	Permit Limit	Records retention & requirements
S-150	B053 (SUSB)	Standby Diesel engine, 755 hp, EPA# EJDXL13.5132, John Deere Emergency Standby Diesel Generator Set	B053 (SUSB), Standby Emergency Diesel Engine (SBG-053)	Hours Operated (Emergency and Non-Emergency)	50 hrs/yr non-emergency use; Unlimited Emergency Use Hours (unplanned outage) Shall operate only with a properly working non-resettable totalizing hours meter	Run time meter read monthly, description of engine use, both provided to AQ. Retain records for 5 years.
S-151	B035 SubSlab	CHEM> Sub-Slab Depressurization, Contaminated Soil Vapor Sub-slab Vapor Extraction System	B035 Sub-slab (Indoor meter) Soil Vapor Extraction System	Benzene	1.0 E-2 lb/day	Information recorded daily when operating. Retain records for 2 years.
				Vinyl Chloride	3.8 E-3 lb/day	
				Perchloroethylene	4.9 E-2 lb/day	
				Methylene Chloride	3.0 E-1 lb/day	
				Trichloroethylene	1.5 E-1 lb/day	
				Ethylbenzene	1.1 E-2 lb/day	
				Total emissions of benzene, vinyl chloride, Perchloroethylene, methylene chloride, trichloroethylene and ethylbenzene	1 lb/day	
Total VOCs	10 lb/day					
soil vapor flow rate	150 scfm					
S-152	B950A	Commercial/Institutional Boiler, 5103K Btu/hr max,	B950A Boiler (2007) [Boiler-2] 920 gal water		Regulation limit; NOx 15 ppm; CO 400 ppm	Emissions verified with handheld meter. Retain
S-153	B950A	Commercial/Institutional Boiler, 2800K Btu/hr max, Natural Gas boiler	B950A Boiler [Boiler-1] 108 gal water capacity Cleaver Brooks Model CB-LE S/N: 0L105952		Regulation limit; NOx 30 ppm; CO 400 ppm	Emissions verified with handheld meter. Retain records for 2 years.
S-154	B057 (ASC/PSLB)	Standby Diesel engine, 745 hp, EPA# HCEXL015.AAJ, Cummins Emergency Diesel Engine	B057 (ASC/PSLB) Emergency Diesel Engine (SBG-057)	Hours Operated (Emergency and Non-Emergency)	50 hrs/yr non-emergency use; Unlimited Emergency Use Hours (unplanned outage) Shall operate only with a properly working non-resettable totalizing hours meter	Run time meter read monthly, description of engine use, both provided to AQ. Retain records for 5 years.

BAAQMD Source No.	Building	Permit Description	Source	Data Tracked	Permit Limit	Records retention & requirements	
S-155	B626 (BAAQMD permitted this mobile unit at this location)	Diesel engine, 95 hp, EPA# HSZXL03.0RXB, Isuzu Motors Stationary Prime Diesel Engine	IR-2 Emergency Diesel Engine Prime Engine (SBG-1000) can be used for PLANNED or UNPLANNED outages	Total Hours Operated	2,000 hours of total operation (regular operation, maintenance and unplanned outage) in any consecutive 12-month period.	Run time meter read monthly and provided to AQ. Retain records for 2 years.	
					Shall operate only with a properly working non-resettable totalizing hours meter		
				Emission Limits	Shall operate and maintain engine and control device according to manufacturer's emission-related written instructions, change only emission-related settings that are permitted by the manufacturer.		
					NOx	0.12 g/bhp-hr	
					CO	0.23 g/bhp-hr	
					PM10	0.0075 g/bhp-hr	
S-32100	Facility Wide	Fugitive Sources, Fugitive Freons	Freon Usage from topping off HVAC systems	Refrigerants charged or removed from systems		Usage recorded at time of use. AQ collects records monthly. Retain records for 2 years.	
PERP 144425	Portable	Certified portable diesel internal combustion engine, Isuzu Model FF-4BGIT, 87 hp	SBG-134 engine permitted under the CA ARB Portable Registration Program	Hours Operated (Emergency and Non-Emergency)	Engine shall only be operated during an "emergency" or an "emergency event" or for any maintenance and testing;	Run time meter read monthly, description of engine use, both provided to AQ. Retain records for 5 years.	
				Project Duration	The engine and any replacement shall not reside at the same location for more than 12 consecutive months.	Specific location of the engine needs to be recorded in a log and provided to AQ, no less than once a month. Retain records for 5 years.	

BAAQMD Source No.	Building	Permit Description	Source	Data Tracked	Permit Limit	Records retention & requirements
PERP 144426	Portable	Certified portable diesel internal combustion engine, Isuzu Model FF-4BGIT, 87 hp	SBG-763 engine permitted under the CA ARB Portable Registration Program	Hours Operated (Emergency and Non-Emergency)	Engine shall only be operated during an "emergency" or an "emergency event" or for any maintenance and testing.	Run time meter read monthly, description of engine use, both provided to AQ. Retain records for 5 years.
				Project Duration	The engine and any replacement shall not reside at the same location for more than 12 consecutive months.	Specific location of the engine needs to be recorded in a log and provided to AQ, no less than once a month. Retain records for 5 years.
S-1 (GDF Facility #10081)	B081	Enviro Tank 1500 gallon/500 gal tank	Gasoline Dispensing Facility Enviro Tank 1500 gallon/500 gal tank one nozzle each, both have UL 87		Gasoline: 18,000 gallons/12-month rolling total; SMOP Permit Limit Gasoline purchased or dispensed: 940,000 gallons/12 month rolling total	Fuel purchases and inspection sheets tracked by custodian. Provided to AQ upon request. Retain records for 2 years.

SLAC Facility-wide limits

SMOP Permit Condition No.	Material	Sources	Limit	Units	Limit	Units
19716 (1.a)	SO ₂	Facility-wide	190,000	lbs/12-mo	95	tons/12 mo
19716 (1.a)	Lead	Facility-wide	190,000	lbs/12-mo	95	tons/12 mo
19716 (1.a)	CO	Facility-wide	190,000	lbs/12-mo	95	tons/12 mo
19716 (1.a)	PM10	Facility-wide	190,000	lbs/12-mo	95	tons/12 mo
19716 (1.b)	Any single HAP	Facility-wide	18,000	lbs/12-mo	9	tons/12 mo
19716 (1.c)	Combination of HAPs	Facility-wide	46,000	lbs/12-mo	23	tons/12 mo
19716 (1.e)	Precursor Organic Compounds	Facility-wide	70,000	lbs/12-mo	35	tons/12 mo
19716 (1.f)	NO _x	Facility-wide	70,000	lbs/12-mo	35	tons/12 mo
19716 (2)	Precursor Organic Compounds	S-5, S-36, S-37, S-59, S-60, S-62, S-63, & S-145	60,000	lbs/12-mo	30	tons/12 mo
19716 (3)	Hazardous Air Pollutants (HAPs)	S-36, S-54, & S-59	10,000	lbs/12-mo	5.0	tons/12 mo
19716 (6), (14)	Natural Gas	Facility-wide	770,000	Therms/12-mo		
19716 (7)	Gasoline	Facility-wide	60,000	gal/12-mo (purchased or dispensed)		
19716 (8)	Diesel Fuel	Facility-wide	95,000	gal/12-mo (purchased or dispensed)		
19716 (11)	PM10 from abrasive blasting	Facility-wide	8,000	lb/year	4.0	ton/yr
19717 (12)	HAP emissions from sludge dryer	S-57	71	tons of sludge feed/12-mo	Copper Nickel Hex Chromium	463 lb/yr 0.75 lb/yr 0.0014 lb/yr