SACRAMENTO METROPOLITAN



SMAQMD BACT CLEARINGHOUSE

This clearinghouse is updated monthly to reflect the latest BACT determinations in effect within the jurisdiction of the Sacramento Metropolitan Air Quality Management District. This list serves as guidance and reflects the minimum emission rate/control technology that will be required as BACT.

NOTE: BACT DETERMINATIONS MAY CHANGE AT ANY TIME AND WITHOUT PREVIOUS NOTICE.

This list was last updated on: 05-07-2024

CATEGOR	RY TYPE:	APC - MISCELLANEOUS	
BACT Cate	egory: SMALL EN	/ITTER (PTE < 10 LB/DAY)	
BACT Det	ermination Numb	er: 322 BACT Determination Date: 11/28/2022	ACTIVE
		Equipment Information	
Permit Nu	umber: 27357		
Equipme	nt Description:	WATER EVAPORATOR	
	Rating/Capacity:		
Equipme	nt Location:		
		8649 KIEFER BLVD SACRAMENTO, CA	
District	Contact: Quinti	BACT Determination Information	
	Standard:	n Phan Phone No.: (279) 207-1143 email: qphan@airquality.org	
ROCs			
	Technology Description:		
	Basis:	Achieved in Practice	
NOx	Standard:	No Standard	
	Technology		
	Description:		
	Basis:	Achieved in Practice	
SOx	Standard:	No Standard	
	Technology		
	Description: Basis:	Achieved in Practice	
PM10	Standard:	No Standard	
PINITU			
	Technology Description:		
	Basis:	Achieved in Practice	
PM2.5	Standard:	No Standard	
	Technology Description:		
	Basis:	Achieved in Practice	
со	Standard:	No Standard	
	Technology		
	Description:	Achieved in Practice	
	Basis:		
Comment	IS		

		-	
ASPH	ALI	PL	ANI

BACT Cate	egory: Minor Sou	rce				
BACT Det	ermination Numb	ber: 293	BACT Deterr	mination Date:	6/22/2022	ACTIVE
		Equi	ipment Inform	nation		
Unit Size/	Imber: N/A nt Description: Rating/Capacity: nt Location:	Generic BACT Determinat Material Handling, Stora All		₋oadout E	XPIRES 6/21/202	4
		BACT Dete	ermination I	Informatio	n	
District	Contact: Felix	Trujillo, Jr. Phone No.:	(279)207-1154	email: ftruj	illo@airquality.org	
ROCs	Standard:					
	Technology Description:	See BACT #293 evaluation for	requirements.			
	Basis: Standard:	Achieved in Practice 33 ppmvd @ 3% O2				
NOx						
	Technology Description:					
	Basis:	Achieved in Practice				
SOx	Standard:					
	Technology Description:	See BACT #293 evaluation for	requirements.			
	Basis:	Achieved in Practice				
PM10	Standard:					
	Technology Description:	See BACT #293 evaluation for	requirements.			
	Basis:	Achieved in Practice				
PM2.5	Standard:					
	Technology Description:	See BACT #293 evaluation for	requirements.			
	Basis:	Achieved in Practice				
со	Standard:	400 ppmvd @ 3% O2				
	Technology Description:					
	Basis:	Achieved in Practice				
Comment		nt to BACT. This BACT determir ourner is technologically feasible.			halt plants. e performed as part of the specific p	roject.

CATEGOR			BOILER		
BACT Cat	egory: Small Emit	ter BACT (PTE < 10 lb/day)			
BACT Det	ermination Numb	er: 309	BACT Determination Date:	7/20/2022	ACTIVE
		Equipm	nent Information		
Permit N	umber: N/A	Generic BACT Determination		EXPIRE	S 7/19/2024
Equipme	nt Description:	BOILER			
		Boilers 2-5 MMBtu/hr Natura	ll Gas		
Equipme	nt Location:				
		BACT Determ	nination Informatio		
District	Contact: Jeff Q				
ROCs	Standard:	Good combustion practice and use	of natural gas		
	Technology				
	Description:				
	Basis:	Achieved in Practice			
NOx	Standard:	See Comments			
	Technology				
	Description:				
	Basis:	Achieved in Practice			
SOx	Standard:	Good combustion practice and use	of natural gas		
	Technology				
	Description:				
	Basis:	Achieved in Practice	of a obvious lange		
PM10	Standard:	Good combustion practice and use	or natural gas		
	Technology Description:				
	Basis:	Achieved in Practice			
PM2.5	Standard:	Good combustion practice and use	of natural gas		
1 1112.5	Technology				
	Description:				
	Basis:	Achieved in Practice			
СО	Standard:	See Decription Below			
	Technology	Firetube Boilers: 50 ppmvd at 3% C			
	Description:	Watertube Boilers: 100 ppmvd at 3	3% O2		
	Basis:	Achieved in Practice			
Commen	Any fire-tube boilers	ural gas, excluding fire-tube boilers, a on natural gas: 7 ppmvd corrected to nd thermal fluid heaters: 12 ppmvd a	o 3% O2	heaters: 9 ppmvd at 3% C	92

CATEGOF	RY TYPE:	BOILER		
BACT Cate	egory: Small Emit	er BACT (PTE < 10 lb/day)		
BACT Det	ermination Numb	er: 310 BACT Determination Da	ate: 7/20/2022	ACTIVE
		Equipment Information		
Unit Size	nt Description:	Generic BACT Determination BOILER Boilers 2-5 MMBtu/hr LPG Fired	EXPIRES 7/19/	2024
		BACT Determination Informat	tion	
District	Contact: Jeff Q	uok Phone No.: (279) 207-1145 email: jquok	@airquality.org	
ROCs	Standard:	Good combustion practice and use of LPG		
	Technology Description:			
	Basis:	Achieved in Practice		
NOx	Standard:	See Comments		
	Technology Description:			
	Basis:	Achieved in Practice		
SOx	Standard:	Good combustion practice and use of LPG		
	Technology Description:			
	Basis:	Achieved in Practice		
PM10	Standard:	Good combustion practice and use of LPG		
	Technology Description:			
	Basis:	Achieved in Practice		
PM2.5	Standard:	Good combustion practice and use of LPG		
	Technology Description:			
	Basis:	Achieved in Practice		
СО	Standard:	See Decription Below		
	Technology Description:	Firetube Boilers: 50 ppmvd at 3% O2 Watertube Boilers: 100 ppmvd at 3% O2		
	Basis:	Achieved in Practice		
Comment	BACT for NOx: Non-atmospheric un Atmospheric units: 1	ts: 9 ppmvd at 3% O2 2 ppmvd at 3% O2		

CATEGOR	Y TYPE:	BOILER
BACT Cate	egory: MAJOR S	OURCE
BACT Det	ermination Numb	er: 327 BACT Determination Date: 6/13/2023 ACTIVE
		Equipment Information
Permit Nu Equipmer	mber: N/A (nt Description:	Generic BACT Determination BOILER
	Rating/Capacity: nt Location:	≥ 75,000 BTU/HR TO < 2.0 MMBTU/HR, FIRED ON NATURAL GAS
		BACT Determination Information
District	Contact: Jeff Q	uok Phone No.: (279) 207-1145 email: jquok@airquality.org
ROCs	Standard:	Good combustion practices
	Technology Description:	
	Basis:	Achieved in Practice
NOx	Standard:	See Description
	Technology Description:	Units rated < 0.7 MMBtu/hr: 20 ppmvd at 3% O2 Units rated ≥ 0.7 to < 2.0 MMBtu/hr: 9 ppmvd at 3% O2
	Basis:	Achieved in Practice
SOx	Standard:	See Description
	Technology Description:	PUC quality natural gas or produced gas treated using a continuously operating sulfur removal system (≤ 80 ppmv total sulfur & ≤ 4 ppmv H2S)
	Basis:	Achieved in Practice
PM10	Standard:	See Description
	Technology Description:	PUC quality natural gas or produced gas treated using a continuously operating sulfur removal system (≤ 80 ppmv total sulfur & ≤ 4 ppmv H2S)
	Basis:	Achieved in Practice
PM2.5	Standard:	See Description
	Technology Description:	PUC quality natural gas or produced gas treated using a continuously operating sulfur removal system (≤ 80 ppmv total sulfur & ≤ 4 ppmv H2S)
	Basis:	Achieved in Practice
СО	Standard:	See Description
	Technology Description:	Units rated < 0.4 MMBtu/hr: 50 ppmvd at 3% O2 Units rated ≥ 0.4 to < 2.0 MMBtu/hr: 100 ppmvd at 3% O2
	Basis:	Achieved in Practice
Comment	S This is a generic BA States.	CT determination based on BACT determinations made, and published, by other air agencies in California and/or other

CATEGOR	RY TYPE:		BOILER	
BACT Cate	egory: Major Sour	rce		
BACT Det	ermination Numb	er: 328	BACT Determination Date: 6/13/2023	ACTIVE
		Equij	pment Information	
Unit Size/	nt Description:	Generic BACT Determination BOILER Greater or equal to 75,000	on 0 BTU/hr to less than 2.0 MMBTU/hr, fired on LPG	
		BACT Dete	rmination Information	
District	Contact: Jeff Q	uok Phone No.: (279) 2	207-1145 email: jquok@airquality.org	
ROCs	Standard:	Good combustion practices		
	Technology Description:			
	Basis:	Achieved in Practice		
NOx	Standard:	See Description		
	Technology Description:	Units rated < 0.7 MMBtu/hr: 20 Units rated ≥ 0.7 MMBtu/hr to <	ppmvd @ 3% O2 2.0 MMBtu/hr: 12 ppmvd @ 3% O2	
	Basis:	Achieved in Practice		
SOx	Standard:	Good combustion practices		
	Technology Description:			
	Basis:	Achieved in Practice		
PM10	Standard:	Good combustion practices		
	Technology Description:			
	Basis:	Achieved in Practice		
PM2.5	Standard:	Good combustion practices		
	Technology Description:			
	Basis:	Achieved in Practice		
со	Standard:	See Description		
	Technology Description:	Units rated < 0.4 MMBTU/hr: Ge Units rated ≥ 0.4 MMBTU/hr to	ood combustion practices < 2.0 MMBtu/hr: 400 ppmvd @ 3% O2	
	Basis:	Achieved in Practice		
Comment	t s This is a generic BA States.	CT determination based on BACT	Γ determinations made, and published, by other air agencies in Califo	rnia and/or other

escription:	Equipment Information Generic BACT Determination BOILER > 5 MMBTU > 20 MMBtu/hr, natural gas or LPG fired BACT Determination Information
escription: ng/Capacity: ocation: ntact: Jeff Q	Generic BACT Determination BOILER > 5 MMBTU > 20 MMBtu/hr, natural gas or LPG fired BACT Determination Information
escription: ng/Capacity: ocation: ntact: Jeff Q	BOILER > 5 MMBTU > 20 MMBtu/hr, natural gas or LPG fired BACT Determination Information
andard	uok Phone No.: (279) 207-1145 email: jquok@airquality.org
	PUC quality natural gas or propane with LPG backup
echnology escription:	
asis:	Achieved in Practice
andard:	2.5 ppm @ 3% O2 or 0.003 lb/MMBtu
echnology escription:	
asis:	Achieved in Practice
andard:	PUC quality natural gas or propane with LPG backup
echnology escription:	
asis:	Achieved in Practice
andard:	PUC quality natural gas or propane with LPG backup
echnology escription:	
asis:	Achieved in Practice
andard:	PUC quality natural gas or propane with LPG backup
echnology escription:	
asis:	Achieved in Practice
andard:	50 ppm @ 3% O2 or 0.037 lb/MMBtu
echnology escription:	
asis:	Achieved in Practice
	andard: echnology escription: asis: andard: echnology escription: asis: andard: echnology escription: asis: andard: echnology escription: asis: andard: echnology escription: asis: andard:

CATEGOR		BOILER
BACT Cate	egory: Small Emit	tter BACT (PTE < 10 lb/day)
BACT Det	ermination Numb	ber: 353 BACT Determination Date: 5/1/2024 ACTIV
		Equipment Information
Permit Nu	umber: N/A	Generic BACT Determination
Equipmer	nt Description:	BOILER > 5 MMBTU
	• • •	\ge 5 to \le 20 MMBtu/hr Natural gas or LPG fired
Equipmer	nt Location:	
		BACT Determination Information
District	Contact: Jeff Q	
ROCs	Standard:	PUC quality natural gas or propane with LPG backup
NOOS	Technology	
	Description:	
	Basis:	Achieved in Practice
NOx	Standard:	See Technology Description and Comments for BACT Standards
	Technology	Firetube Boilers: < 9.8 MMBtu/hr: 7 ppm at 3% O2 or 0.0085 lb/MMBtu
	Description:	≥ 9.8 MMBtu/hr: 5 ppm at 3% O2 or 0.0061 lb/MMBtu
	Basis:	Achieved in Practice
SOx	Standard:	PUC quality natural gas or propane with LPG backup
	Technology	
	Description:	Additional dia Department
	Basis: Standard:	Achieved in Practice PUC quality natural gas or propane with LPG backup
PM10		
	Technology Description:	
	Basis:	Achieved in Practice
PM2.5	Standard:	PUC quality natural gas or propane with LPG backup
PIVIZ.3		
	Technology Description:	
	Basis:	Achieved in Practice
со	Standard:	400 ppm @ 3% O2
	Technology	+
	Description:	
	Basis:	Achieved in Practice
Comment		inued: opm at 3% O2 or 0.011 lb/MMBtu opm at 3% O2 or 0.0061 lb/MMBtu

CATEGOR	RY TYPE:		BOILER			
BACT Cate	egory: Small Emit	ter BACT (PTE < 10 lb/o	day)			
BACT Det	ermination Numb	er: 354	BACT Determina	tion Date:	5/1/2024	ACTIVE
		Eq	uipment Informatio	on		
Unit Size	nt Description:	Generic BACT Determir BOILER > 5 MMBTU Rental, ≥ 5 to ≤ 20 MM	nation /Btu/hr Natural gas or LF	PG fired		
		BACT De	etermination Info	ormation		
District	Contact: Jeff Q	uok Phone No.: (27	'9) 207-1145 email:	jquok@airc	quality.org	
ROCs	Standard:	PUC quality natural gas or p	propane with LPG backup			
	Technology Description:					
	Basis:					
NOx	Standard:	See Technolgy Description	for BACT Standards			
	Technology Description:	Firetube Boilers: 7 ppm at 3 All Other Boilers: 9 ppm at 3				
	Basis:					
SOx	Standard:	PUC quality natural gas or p	propane with LPG backup			
	Technology Description:					
	Basis:					
PM10	Standard:	PUC quality natural gas or p	propane with LPG backup			
	Technology Description:					
	Basis:					
PM2.5	Standard:	PUC quality natural gas or p	propane with LPG backup			
	Technology Description:					
	Basis:					
со	Standard:	400 ppm @ 3% O2				
	Technology Description:					
	Basis:					
Commen	ts This is a generic BA States.	CT determination based on B	ACT determinations made, an	nd published, by	vother air agencies in Ca	alifornia and/or other

CT Cateo	TYPE: Jory: Minor Sour	BOILER
0		
CT Deter	mination Numbe	
		Equipment Information
rmit Num	nber: N/A 0	Generic BACT Determination
	Description:	RENTAL BOILER > 5 MMBTU
	• • •	> 20 MMBtu/hr, Natural gas or LPG fired
uipment	Location:	
		BACT Determination Information
strict C	contact: Jeff Q	uok Phone No.: (279) 207-1145 email: jquok@airquality.org
OCs	Standard:	PUC quality natural gas or propane with LPG backup
	Technology	
	Description:	
[Basis:	Achieved in Practice
Эх	Standard:	5 ppm @ 3% O2 or 0.0062 lb/MMBtu
ľ	Technology	
	Description:	
	Basis:	Achieved in Practice
Эх	Standard:	PUC quality natural gas or propane with LPG backup
	Technology	
	Description:	
	Basis:	Achieved in Practice
M10	Standard:	PUC quality natural gas or propane with LPG backup
	Technology	
	Description:	
	Basis:	Achieved in Practice PUC quality natural gas or propane with LPG backup
M2.5	Standard:	
	Technology	
	Description:	Achieved in Practice
	Basis: Standard:	50 ppm @ 3% O2 or 0.037 lb/MMBtu
	•••	
H	-	Achieved in Practice
	Technology Description: Basis: This is a generic BAG States.	Achieved in Practice CT determination based on BACT determinatior

SMAQMD BACT CLEARINGHOUSE

COATING - ADHESIVES/SEALANTS

BACT Cate	gory: MINOR SC	URCE BACT		
BACT Dete	ermination Numb	er: 320 BAC	T Determination Date: 11/16/2022	ACTIVE
		Equipment	Information	
Permit Nu	mber: N/A	Generic BACT Determination		
Equipmer	nt Description:	ADHESIVE APPLICATION		
		≤ 7,404 LBS VOC/YEAR		
Equipmer	nt Location:			
		 BACT Dotormin	tion Information	
District	Contact: Jeff Q			
	Standard:	See Technology Description		
ROCs		Compliance with SMAOMD Pule 460(A) a	nd BACT #320/321 VOC limits (see Tables 1-9 in BACT evaluat	ion)
	Technology Description:			
	Basis:	Achieved in Practice		
NOx	Standard:	See Technology Description		
	Technology	For heaters < 1,200°F: 20 ppm or 0.024 lb		
	Description:	For heaters ≥ 1,200°F: 30 ppm or 0.036 lb	/MMBtu	
	Basis:	Achieved in Practice		
SOx	Standard:	No standard		
	Technology			
	Description:			
	Basis:			
PM10	Standard:	Spray booth with dry filters or waterwash		
	Technology			
	Description:			
	Basis:	Achieved in Practice		
PM2.5	Standard:	Spray booth with dry filters or waterwash		
	Technology			
	Description:			
	Basis:	Achieved in Practice For heaters, low NOx burner, 400 ppmvd	@ 3% 02	
СО	Standard:		s 570 OZ	
	Technology			
	Description:	Achieved in Practice		
	Basis:			an limite of
Comment	Table 3 to Subpart	J of Part 63.	321 VOC limits (see Tables 1-9 in BACT Evaluation) and emission	on limits of
		SMAQMD Rule 460 includes use of exempti ent limits are exempt as well.	ons of this rule. If the operation qualifies for exemption of VOC co	ontent limits

SMAQMD	BACT C	LEARINC	HOUSE

COATING - ADHESIVES/SEALANTS

BACT Cate	gory: MINOR SC	URCE BACT			
BACT Dete	ermination Number	er: 321	BACT Determina	tion Date: 11/16/2022	ACTIVE
		Equip	oment Informatio	on	
Unit Size/I	t Description:	Generic BACT Determination ADHESIVE APPLICATION > 7,404 LBS VOC/YEAR	N		
District (Contact: Jeff Q		rmination Info	jquok@airquality.org	
ROCs	Standard:	See Technology Description		Jquon Can quanty long	
NOC3	Technology Description:	Compliance with SMAQMD Rule control system with ≥90% collec	e 460(A) and BACT 320/3 ction efficiency and ≥95% o	21 VOC limits (see Tables 1-9 in BACT Evaluati destruction efficiency	on) and VOC
NOx	Basis: Standard:	See Technology Description			
NUX	Technology Description:	For heaters < 1,200°F: 20 ppm o For heaters ≥ 1,200°F: 30 ppm o			
	Basis:	Achieved in Practice			
SOx	Standard:	No standard			
	Technology Description:				
PM10	Basis: Standard:	Spray booth with dry filters or wa	aterwash		
PINITU	Technology Description:				
	Basis:	Achieved in Practice			
PM2.5	Standard:	Spray booth with dry filters or wa	aterwash		
	Technology Description:				
	Basis:	Achieved in Practice			
СО	Standard:	For heaters, low NOx burner, 40	00 ppmva @ 3% O2		
	Technology Description:				
	Basis:	Achieved in Practice			
Comment	3 to Subpart JJ of Pa	art 63 and VOC control system wi	th ≥90% collection efficien	(see Tables 1-9 in BACT evaluation), emission liney and $\geq 95\%$ destruction efficiency.	
		SMAQMD Rule 460 includes use ent limits are exempt as well.	ot exemptions of this rule.	If the operation qualifies for exemption of VOC c	ontent limits

COATING AEDOGDACE

CATEGOR	Y TYPE:	COAT	NG - AEROSP	ACE		
BACT Cate	egory: MINOR S	OURCE BACT				
BACT Det	ermination Numb	ber: 318	BACT Determina	tion Date:	9/7/2022	ACTIVE
		Equi	pment Informatio	on		
Permit Nu	imber: N/A	Generic BACT Determinat	ion			
	nt Description:	PAINT SPRAY BOOTH				
	Rating/Capacity: nt Location:	≤ 7,404 LBS VOC/YEAR				
			ermination Info	rmation		
District	Contact: Jeff C	()	207-1145 email:	jquok@airo	quality.org	
ROCs	Standard:	See Description Below				
	Technology Description:	1.Compliance with SMAQMD F 2.Use of an enclosed gun clear	Rule 456 and aerospace coaner	atings BACT V	OC limits (see Tables 1	-3 in BACT evaluation)
	Basis:	Achieved in Practice				
NOx	Standard:	For heaters < 1200° F: 20 ppm	or 0.024 lb/MMBtu, for hea	aters ≥ 1200 ° F	=: 30 ppm or 0.036 lb/№	1MBtu
	Technology Description:					
	Basis:	Achieved in Practice				
SOx	Standard:	No Standard				
	Technology Description:					
	Basis:					
PM10	Standard:	Enclosed paint booth with use	of dry filters and use of HV	LP, properly ma	aintained	
	Technology Description:					
	Basis:	Achieved in Practice				
PM2.5	Standard:	No Standard				
	Technology Description:					
	Basis:					
СО	Standard:	For heaters: 400 ppm correcte	d to 3% O2			
	Technology Description:					
	Basis:	Achieved in Practice				
Comment	S For T-BACT see ev	aluation				

COATING AEDOGDACE

CATEGOR	Y TYPE:	COATII	NG - AEROSPA	ACE		
BACT Cate	egory: MINOR SC	OURCE BACT				
BACT Dete	ermination Numb	er: 319	BACT Determinat	ion Date:	9/7/2022	ACTIVE
		Equip	oment Informatio	n		
Permit Nu	imber: N/A (Generic BACT Determination	on			
Equipmer	nt Description:	PAINT SPRAY BOOTH				
	Rating/Capacity: nt Location:	> 7,404 LBS VOC PER YI	EAR			
	_		rmination Info	rmation		
District	Contact: Jeff Q	uok Phone No.: (279) 2	207-1145 email:	jquok@airc	juality.org	
ROCs	Standard:	See Description Below				
	Technology Description:	1.Compliance with SMAQMD Ru 2.Use of enclosed gun cleaner 3.VOC control system with overa		-	DC limits	
	Basis:	Achieved in Practice				
NOx	Standard:	For heaters < 1200° F: 20 ppm	or 0.024 lb/MMBtu, for heat	ters ≥ 1200 ° F	: 30 ppm or 0.036 lb/MMBtu	
	Technology Description:					
	Basis:	Achieved in Practice				
SOx	Standard:	No standard				
	Technology Description:					
	Basis:					
PM10	Standard:	Enclosed paint booth with use o	f dry filters and use of HVL	P, properly ma	aintained	
	Technology Description:					
	Basis:	Achieved in Practice				
PM2.5	Standard:	No standard				
	Technology Description:					
	Basis:					
СО	Standard:	For heaters: 400 ppm corrected	to 3% O2			
	Technology Description:					
	Basis:	Achieved in Practice				
Comment	S For T-BACT see eva	aluation				

COATING - AUTO BODY

BACT Category: Minor Source BACT

BACT Det	ermination Numb	er: 345	BACT Determination Date: 1/16/2024	ACTIVE		
		Equi	pment Information			
Permit Nu	umber: N/A	Generic BACT Determination	on			
Equipmer	nt Description:	PAINT SPRAY BOOTH				
Unit Size/	Rating/Capacity:	≤ 6,198 lbs VOC/year and	d facilities ≤ 40,000 lbs VOC/year			
	nt Location:	-,,	-,,			
-40.6	20001011					
		BACT Dete	ermination Information			
District	Contact: Jeff Q					
ROCs	Standard:	See Technology Description				
	Technology	1.< 6,198 lb VOC/year limit				
	Description:	2.Compliance with SMAQMD R				
	•	3.For heaters: use of natural gas Achieved in Practice	S OF LPG			
	Basis:					
NOx	Standard:	See Technology Description				
	Technology	For booth heaters: < 1,200 °F: 30 ppm or 0.036 lb/	/M/M CP+++			
	Description:	\geq 1,200 °F: 60 ppm or 0.073 lb/				
	Basis:	Achieved in Practice				
SOx	Standard:	See Technology Description				
	Technology	For heaters: natural gas or LPG	G fired burner			
	Description:					
	Basis:	Achieved in Practice				
PM10	Standard:	See Technology Description				
	Technology	1.Spray booth with dry filters or	waterwash, properly maintained, 98% PM control efficiency, 0.0015 g	r/dcsf		
	Description:	2.HVLP spray or equivalent app				
	Basis:	3.For heaters, natural gas or LP Achieved in Practice				
		See Technology Description				
PM2.5	Standard:	See rechnology Description				
	Technology	1.Spray booth with dry filters or waterwash, properly maintained, 98% PM control efficiency, 0.0015 gr/dcsf				
	Description:	2.HVLP spray or equivalent application equipment 3.For heaters, natural gas or LPG fired burner				
	Basis:	Achieved in Practice				
со	Standard:	For heaters: 400 ppmvd @ 3%	O2 or 0.30 lb/MMBtu			
	Toohnology					
	Technology					
	Description:					
	Basis:	Achieved in Practice				
Comment	ts See BACT Determin	nation for full BACT and T-BACT	Details:			
	T-BACT for Organic 1.< 6,198 lb VOC/ye					
	2.Compliance with S	MAQMD Rule 459 (A)				
	3.For heaters: use o	f natural gas or LPG				
	T-BACT for Inorgani	c HAP: Compliance with 40 CFR	63 Subpart HHHHHH for metals – Spray booth filter system with 989	% capture efficiency		
			atic application, airless spray gun, air-assisted airless spray gun, or a			
	(A) Compliance with	SMAOMD Rule 450 includes use	e of exemptions of this rule. BACT VOC content limits are exempt if th	e operation		
		ntent limit exemptions of SMAQM		operation		

COATING - AUTO BODY

BACT Category: Minor Source BACT

BACT Det	ermination Numb	er: 346	BACT Determination Date: 1/16/2024	ACTIVE
		Equi	ipment Information	
Permit Nu	umber: N/A	Generic BACT Determinat	ion	
Equipmer	nt Description:	PAINT SPRAY BOOTH		
Unit Size/	Rating/Capacity:	> 6,198 lb VOC/year and	l facilities > 40,000 lbs VOC/year	
	nt Location:		•	
		BACT Dete	ermination Information	
District	Contact: Jeff Q	uok Phone No.: (279)	207-1145 email: jquok@airquality.org	
ROCs	Standard:	See Technology Description		
	Technology	1.Compliance with SMAQMD F	Rule 459(A) and VOC control system with overall capture/destructi	on efficiency ≥ 90%; OF
	Description:	2.Use of Super Clean Materials 3.Use of low-VOC materials res	s (< 5% VOC by weight); OR sulting in an equivalent emission reduction as option #1 and optior	ו #2.
	Basis:	Cost Effective		
NOx	Standard:	See Technology Description		
	Technology	For booth heaters:		
	Description:	< 1,200 °F: 30 ppm or 0.036 lb		
	•	≥ 1,200 °F: 60 ppm or 0.073 lb. Achieved in Practice	/MMBtu	
	Basis:			
SOx	Standard:	See Technology Description		
	Technology	For heaters: natural gas or LPC	G fired burner	
	Description:			
	Basis:	Achieved in Practice		
PM10	Standard:	See Technology Description		
	Technology	1.Enclosed spray booth with pr	operly maintained dry filters or waterwash.	
	Description:	2.HVLP spray or equivalent ap	plication equipment	
	•	3.For heaters, natural gas or LF Achieved in Practice	PG fired burner	
	Basis:			
PM2.5	Standard:	See Technology Description		
	Technology		operly maintained dry filters or waterwash.	
	Description:	2.HVLP spray or equivalent ap 3.For heaters, natural gas or LF		
	Basis:	Achieved in Practice		
СО	Standard:	For heaters: 400 ppmvd @ 3%	6 O2 or 0.30 lb/MMBtu	
	Technology			
	Description:			
	Basis:	Achieved in Practice		
Common!	-	Lation for full BACT and T-BACT	Details:	
Commen	T-BACT for Organic	HAP/VHAP: Spray booth with fill	ter system, 98% PM10 control efficiency, HVLP spray equipment efficiency complying with SMAQMD Rule 459(A). Overall capture/	
			R 63 Subpart HHHHHH for metals - Spray booth filter system with atic application, airless spray gun, air-assisted airless spray gun,	
		SMAQMD Rule 459 includes use ntent limit exemptions of SMAQN	e of exemptions of this rule. BACT VOC content limits are exempt	if the operation

COATING - GENERAL

BACT Category: Minor Source BACT

e r: 338	BACT Determination Date: 1/16/2024	ACTIVE
E	quipment Information	
Generic BACT Determ PAINT SPRAY BOO ⁻ ≤ 6,198 pounds VOC		
BACT D	etermination Information	
iok Phone No.: (2	279) 207-1145 email: jquok@airquality.org	
See Technology Description	on	
2.Compliance with SMAQI	MD Rule 441 – Organic Solvents MD Rule 466 – Solvent Cleaning CD Rule 66.1 – Misc. Surface Coating Operations and Other Processes	Emitting Volatile
Achieved in Practice		
See Technology Description	on	
	36 lb/MMBtu corrected to 3% O2 73 lb/MMBtu corrected to 3% O2	
Achieved in Practice		
No Standard		
Dry filters or waterwash		
Achieved in Practice		
No Standard		
For heaters: 400 ppm corr	rected to 3% O2	
Achieved in Practice		
CT Determination for full de	etails.	
oaint overspray, HVLP spra	pliance with 40 CFR 63 Subpart HHHHHH for metals – Spray booth fil	
P	c HAP is the following: Com	c HAP is the following: Compliance with 40 CFR 63 Subpart HHHHHH for metals – Spray booth fill paint overspray, HVLP spray equipment, electrostatic application, airless spray gun, air-assisted a

COATING - GENERAL

BACT Category: Minor Source BACT

BACT Det	ermination Numb	er: 339	BACT Determination Date: 1/16/2024	ACTIVE
		Eq	uipment Information	
Jnit Size	nt Description:	Generic BACT Determin PAINT SPRAY BOOTH > 6,198 pounds VOC p		
		BACT De	etermination Information	
District	Contact: Jeff Q	uok Phone No.: (27	9) 207-1145 email: jquok@airquality.org	
ROCs	Standard:	See Technology Description		
	Technology Description:	2.Compliance with SMAQMI 3.VOC Emission Control Sy	D Rule 441 – Organic Solvents D Rule 466 – Solvent Cleaning stem that has a combined capture and control device efficiency if at le	ast 85% by weight.
	Basis:	Cost Effective		
NOx	Standard:	See Technology Description		
	Technology Description:		Ib/MMBtu corrected to 3% O2 Ib/MMBtu corrected to 3% O2	
	Basis:	Achieved in Practice		
SOx	Standard:	No Standard		
	Technology Description:			
	Basis:			
PM10	Standard:	Dry filters or waterwash		
	Technology Description:			
	Basis:	Achieved in Practice		
PM2.5	Standard:	No Standard		
	Technology Description:			
	Basis:			
со	Standard:	For heaters: 400 ppm correct	cted to 3% O2	
	Technology Description:			
	Basis:	Achieved in Practice		
Commen	ts See BACT and T-B/	ACT Determination for full deta	ails.	
	T-BACT for Inorgan	f paint overspray, HVLP spray	; liance with 40 CFR 63 Subpart HHHHHH for metals – Spray booth filte equipment, electrostatic application, airless spray gun, air-assisted ai	

COATING - METAL

CATEGOR	RY TYPE:	COA	TING - METAL		
BACT Cate	egory: Minor Sour	rce BACT			
BACT Det	ermination Numb	er: 336	BACT Determination Date:	1/17/2024	ACTIVE
		Equip	ment Information		
Permit Nu	umber: N/A nt Description:	Generic BACT Determination	n		
	-		facilities < 40,000 lbs V/OC/vacr		
	nt Location:		facilities ≤ 40,000 lbs VOC/year		
Equipmen	it Location.				
		BACT Dete	rmination Information		
District	Contact: Jeff Q	uok Phone No.: (279) 2	07-1145 email: jquok@airq	uality.org	
ROCs	Standard:	See Technology Description			
	Technology Description:	system. 4. Compliance with SM	HVLP spray or equivalent application equ IAQMD Rule 451(A)(B) coating, solvent, a Etching Filler use 340 g/l for Air-Dried and	and stripper standards except f	n cleaning for General-One
Basis: Achieved in Practice					
NOx	Standard:	See Technology Description			
	Technology Description:	For booth heaters: < 1,200 °F: 30 ppm or 0.036 lb/l ≥ 1,200 °F: 60 ppm or 0.073 lb/l			
	Basis:	Achieved in Practice			
SOx	Standard:	No standard			
	Technology Description:				
	Basis:				
PM10	Standard:	See Technology Description			
	Technology Description:	 Enclosed spray booth with pr HVLP spray or equivalent application 	operly maintained dry filters or waterwash lication equipment		
	Basis:	Achieved in Practice			
PM2.5	Standard:	See Technology Description			
	Technology Description:	 Enclosed spray booth with pr HVLP spray or equivalent application 	operly maintained dry filters or waterwash lication equipment		
	Basis:	Achieved in Practice			
со	Standard:	For heaters: 400 ppmvd @ 3%	D2 or 0.30 lb/MMBtu		
	Technology Description:				
	Basis:	Achieved in Practice			
Comment	qualifies for VOC co	ntent limit exemptions of SMAQM	of exemptions of this rule. BACT VOC co D Rule 451. nption for coatings with a viscosity of 650		
	T-BACT for Inorgani		3 Subpart HHHHHH for metals – Spray b c application, airless spray gun, air-assis		

COATING - METAL

CATEGOR	RY TYPE:	COA	ATING - METAL					
BACT Cate	egory: Minor Sou	rce BACT						
BACT Det	ermination Numb	er: 337	BACT Determination Date: 1/17/2024	ACTIVE				
		Equip	oment Information					
Permit Nu	umber: N/A	Generic BACT Determination	วท					
Equipme	nt Description:	PAINT SPRAY BOOTH						
Unit Size/	Rating/Capacity:	> 6,198 lbs VOC/year and	facilities > 40,000 lbs VOC/year					
Equipme	nt Location:							
		BACT Dete	rmination Information					
District	Contact: Jeff Q	uok Phone No.: (279) 2	207-1145 email: jquok@airquality.org					
ROCs	Standard:	See Technology Description						
	Technology	1.Compliance with SMAQMD Ru (For General – One Component	ule 451(A)(B) coating, solvent, and stripper standards except for	2 coating categories				
	Description:		(For General – One Component use SCAQMD Regulation XI, Rule 1107 standard and for Etching Filler use SJVAPCD Rule 4603 Standard), and VOC control system with overall capture/destruction efficiency ≥ 90%; OR					
NOx	Standard:	See Technology Description						
	Technology	For booth heaters: < 1,200 °F: 30 ppm or 0.036 lb/l	MBtu					
	Description:	≥ 1,200 °F: 60 ppm or 0.073 lb/						
	Basis:	Achieved in Practice						
SOx	Standard:	No standard						
	Technology Description:							
	Basis:							
PM10	Standard:	See Technology Description						
	Technology Description:	1.Enclosed spray booth with pro 2.HVLP spray or equivalent appl	perly maintained dry filters or waterwash. ication equipment					
	Basis:	Achieved in Practice						
PM2.5	Standard:	See Technology Description						
	Technology Description:	1.Enclosed spray booth with pro 2.HVLP spray or equivalent appl	perly maintained dry filters or waterwash. ication equipment					
	Basis:	Achieved in Practice						
CO	Standard:	For heaters: 400 ppmvd @ 3%	O2 or 0.30 lb/MMBtu					
	Technology Description:							
	Basis:	Achieved in Practice						
Comment	qualifies for VOC co	ntent limit exemptions of SMAQM	of exemptions of this rule. BACT VOC content limits are exemp D Rule 451. mption for coatings with a viscosity of 650 centipoise or greater,					
	T-BACT for Inorgan	paint overspray, HVLP spray equ	e with 40 CFR 63 Subpart HHHHHH for metals – Spray booth fi ipment, electrostatic application, airless spray gun, air-assisted					

		SMAQMD E	BACT CLEARINGHOU	JSE	
CATEGORY	TYPE:	COA	TING - PLASTIC		
BACT Cateo	gory: Minor Sour	се			
BACT Dete	mination Numbe	er: 304	BACT Determination	Date: 7/28/2022	ACTIVE
		Equip	oment Information		
Permit Number: 27221 Equipment Description: Unit Size/Rating/Capacity: Equipment Location:		COATING LINE ≤ 7,404 lbs VOC/year – E	xcluding Pleasure Craft an	EXPIRES 7/27	
		151 BLUE RAVINE RD		FOLSOM, CA	
			rmination Informa	ation	
District C	contact: Jeffrey	Quok Phone No.: (27	9) 207-1145 email: jo	quok@airquality.org	
ROCs	Standard:	Compliance with District Rule 46	68, except where noted in footno	te (A)	
	Technology Description:	See BACT Document for full de	tails		
	Basis:	Achieved in Practice			
NOx	Standard:	For heaters, low NOx burner, 30) ppmvd @ 3% O2 or 0.036 lb/M	MBtu	
	Technology Description:				
	Basis:	Achieved in Practice			
SOx	Standard:	No standard			
	Technology Description:				
	Basis:				
PM10	Standard:	1.Enclosed paint booth with dry 2.HVLP spray guns or equivaler			
	Technology Description:	See BACT Document for full de	tails		
	Basis:	Achieved in Practice			
PM2.5	Standard:	1.Enclosed paint booth with dry 2.HVLP spray guns or equivaler			
	Technology Description:	See BACT Document for full de	tails		
	Basis:	Achieved in Practice			
СО	Standard:				

Comments (A)The following coating categories listed in Rule 468, Table 1, must meet the following standards listed in SCAQMD Rule 1145 (unless they

meet an applicable exemption in the SMAQMD Rule 468): General One-Component Coatings – 120 g/L; General Multi-Component Coatings – 120 g/L; Electric Dissipating Coating and Shock Free Coatings – 360 g/L; Extreme Performance Coatings, One Component – 120 g/L; Optical Coatings – 50 g/L; All Other Coatings not specified in Rule 468, Section 301 – 120 g/L. SMAQMD Rule 468 exemptions also apply (including Small Source exemption, Section 111, for stationary sources with total actual emissions less than 2.7 tons of VOC per 12-month rolling period

Technology Description:

prior to an emission control system.)

Basis:

COATING - PLASTIC

CATEGOR	Y TYPE:	<u> </u>	ATING - PLASTIC	
BACT Cate	egory: Minor Sourc			
BACT Det	ermination Numbe	er: 305	BACT Determination Date: 7/28/2022	ACTIVE
		Equ	ipment Information	i
Permit Nu	imber: N/A G	Generic BACT Determinat	tion EXPIRES 7/2	27/2024
Equipmer	nt Description:	COATING LINE		
	Rating/Capacity: nt Location:	> 7,404 pounds per year	- Excluding Pleasure Craft and Business Machine Coat	ing Operations
District	Contact: Jeffrey		ermination Information	
			79-207-1145 email: jquok@airquality.org e 468, except where noted in footnote (A) and VOC control system with	$\sim 200\%$ overall
ROCs	Standard:	efficiency, or		
	Technology Description:	See BACT Document for full d	letails	
	Basis:	Cost Effective		
NOx	Standard:	For heaters, low NOx burner, 3	30 ppmvd @ 3% O2 or 0.036 lb/MMBtu	
	Technology Description:			
	Basis:	Achieved in Practice		
SOx	Standard:			
	Technology Description:			
	Basis:			
PM10	Standard:	1.Enclosed paint booth with dr 2.HVLP spray guns or equivale		
	Technology Description:	See BACT Document for full d		
	Basis:	Achieved in Practice		
PM2.5	Standard:	1.Enclosed paint booth with dr 2.HVLP spray guns or equivale		
	Technology Description:	See BACT Document for full d	letails	
	Basis:	Achieved in Practice		
СО	Standard:			
	Technology Description:			
	Basis:			
Comment	meet an applicable ex 120 g/L; Electric Diss Coatings – 50 g/L; All	xemption in the SMAQMD Rule ipating Coating and Shock Free I Other Coatings not specified in tion, Section 111, for stationary	B, Table 1, must meet the following standards listed in SCAQMD Rule 4468): General One-Component Coatings – 120 g/L; General Multi-Co e Coatings – 360 g/L; Extreme Performance Coatings, One Componer n Rule 468, Section 301 – 120 g/L. SMAQMD Rule 468 exemptions al sources with total actual emissions less than 2.7 tons of VOC per 12-	mponent Coatings – nt – 120 g/L; Optical so apply (including

SMAQMD BACT CLEARINGHOUSE

CATEGOR	RY TYPE:		CON		NT		
BACT Cate	egory: Small Emit	ter BACT (PTE <	10 lb/day))			
BACT Det	ermination Numb	er: 306		BACT Determi	ination Date:	6/29/2022	ACTIVE
			Equip	oment Informa	ition		
Unit Size	umber: N/A (nt Description: /Rating/Capacity: nt Location:	Generic BACT De CONCRETE BA LESS THAN 5 C	ATCH PLA	NT	ł	EXPIR	RES 6/28/2024
		BAC	T Dete	rmination In	formatior	າ	
District	Contact: Felix 7	Γrujillo, Jr. Ph	none No.: ((279) 207-1154	email: ftruj	illo@airquality.org	
ROCs	Standard:						
	Technology Description:						
	Basis: Standard:	<u> </u>					
NOx	Technology Description:						
	Basis:	1					
SOx	Standard:						
	Technology Description:						
	Basis:						
PM10	Standard:						
	Technology Description:	See Page 7 of BAC					
	Basis:	Achieved in Practice	e				
PM2.5	Standard:						
	Technology Description:						
	Basis: Standard:	<u> </u>					
СО	Technology						
	Description:						
Commen	Basis: ts This is a generic BA States.	CT determination bas	sed on BACT	determinations made	, and published, t	by other air agencies ir	n California and/or other

CREMATORY CATEGORY TYPE: BACT Category: Minor Source BACT **BACT Determination Number:** 340 BACT Determination Date: 1/16/2024 ACTIVE **Equipment Information** N/A -- Generic BACT Determination Permit Number: **Equipment Description:** CREMATORY Unit Size/Rating/Capacity: 19,094 MMBtu/hr and a 421 ton per year charge limit **Equipment Location: BACT Determination Information** District Contact: Jeff Quok Phone No.: (279) 207-1145 email: jquok@airquality.org Natural gas fuel and a secondary combustion chamber (afterburner) ≥ 1,600 °F Standard: ROCs Technology **Description:** Achieved in Practice **Basis:** 60 ppmv corrected to 3% O2 or 0.073 lb/MMBTU Standard: NOx Measured as emissions from fuel burning only, not with the charge. Technology **Description:** Achieved in Practice Basis: Natural gas fired Standard: SOx Technology **Description:** Achieved in Practice **Basis:** Natural gas-fired with secondary chamber operating at ≥ 1,600 °F Standard: **PM10** Technology **Description: Basis:** Achieved in Practice Standard: No Standard PM2.5 Technology **Description:** Basis: Not addressed Standard: CO Technology **Description: Basis:** Comments T-BACT standards will be considered as meeting the BACT standards.

CATEGOR	Y TYPE:	DRYER (NON PROCESS HTR)
BACT Cate	egory: Small Emit	tter BACT (PTE < 10 lb/day)
BACT Det	ermination Numb	er: 312 BACT Determination Date: 8/25/2022 ACTIVE
		Equipment Information
	Imber: N/A nt Description: Rating/Capacity:	Generic BACT Determination DRYER - LAUNDRY - HIGH TURNDOWN RATIO High Turndown Ratio (≥ 30:1), Rated at ≥ 325,000 Btu/hr to ≤ 2,000,000 Btu/hr
	nt Location:	
		BACT Determination Information
District	Contact: Jeff Q	uok Phone No.: (279) 207-1145 email: jquok@airquality.org
ROCs	Standard:	Natural gas fueled
	Technology Description:	
	Basis:	Achieved in Practice
NOx	Standard:	60 ppmvd @ /3% O2
	Technology Description:	Low-NOx burner
	Basis:	Achieved in Practice
SOx	Standard:	Natural gas fueled
	Technology Description:	
	Basis:	Achieved in Practice
PM10	Standard:	75% Control
	Technology Description:	Lint Collector and natural gas fuel, or equal
	Basis:	Achieved in Practice
PM2.5	Standard:	75% Control
	Technology Description:	Lint Collector and natural gas fuel, or equal
	Basis:	Achieved in Practice
со	Standard:	No Standard
	Technology Description:	
	Basis:	
Comment	S This is a generic BA States.	CT determination based on BACT determinations made, and published, by other air agencies in California and/or other

CATEGOR	Y TYPE:	DRYER (NON PROCESS HTR)						
BACT Cate	egory: Small Emit	tter BACT (PTE < 10 lb/day)						
BACT Dete	ermination Numb	Der: 313 BACT Determination Date: 8/25/2022 ACT	VE					
	Equipment Information							
Unit Size/	mber: N/A (at Description: Rating/Capacity: at Location:	Generic BACT Determination DRYER - LAUNDRY - HIGH TURNDOWN RATIO High Turndown Ratio (≥ 30:1), Rated at > 2 MMBtu/hr to ≤ 10 MMBtu/hr						
		BACT Determination Information						
District	Contact: Jeff Q							
ROCs	Standard:	Natural gas fueled						
	Technology Description:							
	Basis:	Achieved in Practice						
NOx	Standard:	For process temperature < 1200° F: 30 ppmvd @ 3% O2 For process temperature ≥ 1200° F: 60 ppmvd @ 3% O2						
	Technology Description:	Low NOx Burner						
	Basis:	Achieved in Practice						
SOx	Standard:	Natural gas fueled						
	Technology Description:							
	Basis:	Achieved in Practice						
PM10	Standard:	75% Control						
	Technology Description:	Lint Collector and natural gas fuel, or equal						
	Basis:	Achieved in Practice						
PM2.5	Standard:	75% Control						
	Technology Description:	Lint Collector and natural gas fuel, or equal						
	Basis:	Achieved in Practice						
со	Standard:	400 ppmv @ 3% O2						
	Technology Description:							
	Basis:	Achieved in Practice						
Comments This is a generic BACT determination based on BACT determinations made, and published, by other air agencies in California and/or other States.								

22/2024 ACTIVE
22/2024 ACTIVE
uality.org
r certification purposes

CATEGOR	Y TYPE:		GDF					
BACT Cate	gory: Minor Sour	ce BACT						
BACT Dete	ACT Determination Number: 357 BACT Determination Date: 1/22/2024 ACTIVE							
		Ec	uipment Information					
Unit Size/	t Description:	Generic BACT Determii Phase II Vapor Recov Phase II Vapor Recov	ery System					
		BACT De	etermination Information					
District	Contact: Venk I	Reddy Phone No.:	(279) 207-1146 email: vreddy@airquality.org					
ROCs	ROCs Standard: 95% Control Efficiency							
	Technology CARB certified Phase II vapor recovery system. See comment for other equivalent achieved in practice technologies that will satisify BACT							
	Basis:	Achieved in Practice						
NOx	Standard:	No standard						
	Technology Description:							
_	Basis: Standard:	No standard						
SOx								
	Technology Description:							
	Basis: Standard:	No standard						
PM10	Technology Description:							
	Basis: Standard:	No standard						
PM2.5	Technology Description:							
	Basis:							
со	Standard:	No standard						
	Technology Description:							
	Basis:							
Comment	 The fueling of veh dispensers to disper 	icles at non-retail facilities wl	d to be equivalent to the CARB certified Phase II system: here 100 percent of the vehicles being fueled are equipped with O vehicles, or aulated for certification purposes and operating under current and					

SMAQMD BACT CLEARINGHOUSE

IC ENGINE COMPRESSION - PRIME

BACT Cate	egory: MINOR SC	OURCE						
BACT Det	ermination Numb	ber: 315 BACT Determination Date: 6/7/2022	ACTIVE					
Equipment Information								
Unit Size/	nt Description:	Generic BACT Determination NON-ROAD/SELF-PROPELLED IC ENGINE : ALL HORSE POWER	124					
		BACT Determination Information						
District	Contact: Felix	Trujillo, Jr. Phone No.: (279) 207-1154 email: ftrujillo@airquality.org						
ROCs	Standard:	See Comments Below						
	Technology Description:	< 25 hp: Comply with EPA nonroad regulations & use CARB diesel fuel; >= 25 hp: Comply with the Regulation for In- Use Off-Road Diesel-Fueled Fleets & use CARB diesel fuel						
	Basis:	Achieved in Practice						
NOx	Standard:	See Comments Below						
	Technology Description:							
	Basis:	Achieved in Practice						
SOx	Standard:	See Comments Below						
	Technology Description:	< 25 hp: Comply with EPA nonroad regulations & use CARB diesel fuel; >= 25 hp: Comply with the Regulate Use Off-Road Diesel-Fueled Fleets & use CARB diesel fuel	ulation for In-					
	Basis:	Achieved in Practice						
PM10	Standard:	See Comments Below						
	Technology Description:	< 25 hp: Comply with EPA nonroad regulations & use CARB diesel fuel; >= 25 hp: Comply with the Regulated Use Off-Road Diesel-Fueled Fleets & use CARB diesel fuel	ulation for In-					
	Basis:	Achieved in Practice						
PM2.5	Standard:	See Comments Below						
	Technology Description:	< 25 hp: Comply with EPA nonroad regulations & use CARB diesel fuel; >= 25 hp: Comply with the Regulation for In- Use Off-Road Diesel-Fueled Fleets & use CARB diesel fuel						
	Basis:	Achieved in Practice						
СО	See Comments Below							
	Technology Description:	< 25 hp: Comply with EPA nonroad regulations & use CARB diesel fuel; >= 25 hp: Comply with the Regulation Use Off-Road Diesel-Fueled Fleets & use CARB diesel fuel	lation for In-					
	Basis:	Achieved in Practice						
Comment	Use Off-Road Diese	Itants: < 25 hp: Comply w/EPA nonroad regulations & use CARB diesel fuel; ≥ 25 hp: Comply with the Regu el-Fueled Fleets & use CARB diesel fuel. This BACT applies to self-propelled diesel fueled IC engines not BACT is equivalent to BACT.	lation for In- subject to the					
rinted: 5/7/20)24							

IC ENGINE COMPRESSION-STANDBY

BACT Dete	BACT Determination Number: 330 BACT Determination Date: 9/6/2023 ACTIVE						
Equipment Information							
Equipment Information Permit Number: N/A Generic BACT Determination Equipment Description: IC ENGINE, EMERGENCY STANDBY, DIESEL-FUELED Unit Size/Rating/Capacity: ≥ 50 HP Equipment Location: Image: Capacity in the second							
			rmination Information				
District	Contact: Venk I	Reddy Phone No.: (279	9) 207-1146 email: vreddy@	airquality.org			
ROCs	Standard:	Applicable NMHC or NMHC + N	Ox emission standard				
	Technology Description:	Tier 4 emission requirements for electrical generation, New Emergency Standby Direct Drive Fire Pump Engines Table 2: New Emergency Standby Direct Drive Fire pumps of the ATCM for Stationary CI Engines.					
	Basis:	Achieved in Practice					
NOx	Standard:	Applicable NOx or NMHC + NOx emission standard					
	Technology Description:	Tier 4 emission requirements for electrical generation, New Emergency Standby Direct Drive Fire Pump Engines Table 2: New Emergency Standby Direct Drive Fire pumps of the ATCM for Stationary CI Engines.					
	Basis:	Achieved in Practice					
SOx	Standard:	CARB Diesel					
	Technology Description:	Diesel Fuel with a sulfer content	no greater than 0.0015% weight.				
	Basis:	Achieved in Practice					
PM10	Standard:	Applicable PM emission standar	ď				
	Technology Description:	Tier 4 emission requirements fo 2: New Emergency Standby Dire	r electrical generation, New Emergency S ect Drive Fire pumps of the ATCM for Sta	Standby Direct Drive Fire Pump Er tionary CI Engines.	ngines Table		
	Basis:	Achieved in Practice					
PM2.5	Standard:	Applicable PM emission standar	ď				
	Technology Description:	Tier 4 emission requirements for electrical generation, New Emergency Standby Direct Drive Fire Pump Engines Table 2: New Emergency Standby Direct Drive Fire pumps of the ATCM for Stationary CI Engines.					
	Basis:	Achieved in Practice					
СО							
	Technology Description:Tier 4 emission requirements for electrical generation, New Emergency Standby Direct Drive Fire Pump Engines Table 2: New Emergency Standby Direct Drive Fire pumps of the ATCM for Stationary CI Engines.						
Basis: Achieved in Practice							
Comment	S This is a generic BA	CT determination based on BACT	determinations made, and published, by	other air agencies in California a	nd/or other		

IC ENGINE SPARK - STANDRY

CATEGOR	RY TYPE:		GINE SPARK - STANDBY	
BACT Cate	egory: Minor Sou	rce BACT		
BACT Det	ermination Numb	er: 341	BACT Determination Date: 3/8/2024	ACTIVE
		E	equipment Information	
Permit Nu	umber: N/A	Generic BACT Determ	nination	
Equipme	nt Description:	IC ENGINE		
	Rating/Capacity: nt Location:	< 500 BHP		
		BACT D	Determination Information	
District	Contact: Joe C	arle Phone No.: (2	279) 207-1121 email: jcarle@airquality.org	
ROCs	Standard:	See Description		
	Technology Description:	Rich Burn: 60 ppmvd @ 1	15% O2 as methane; Lean Burn: 206 ppmvd @ 15% O2 as methane	
	Basis:	Achieved in Practice		
NOx	Standard:	See Description		
	Technology Description:	Rich Burn: 25 ppmvd @ 1	15% O2 or 96% reduction by weight; Lean Burn: 1.0 g/bhp-hr	
	Basis:	Achieved in Practice		
SOx	Standard:	See Description		
	Technology Description:	Use of natural gas fuel or	equivilant and good combustion practices	
	Basis:	Achieved in Practice		
PM10	Standard:	See Description		
	Technology Description:	Use of natural gas fuel or	equivilant and good combustion practices	
	Basis:	Achieved in Practice		
PM2.5	Standard:	See Description		
	Technology Description:	Use of natural gas fuel or	equivilant and good combustion practices	
	Basis:	Achieved in Practice		
со	Standard:	See Description		
	Technology Description:	2.0 g/bhp-hr		
	Basis:	Achieved in Practice		
Commen	t <mark>s</mark> T-BACT is equivaler	nt to BACT for VOC		

IC ENGINE SPARK - STANDBY

CATEGOR	Y TYPE:	IC ENGIN	E SPARK - STANDBY	
BACT Cate	egory: Minor Sou	rce BACT		
BACT Det	ermination Numb	er: 342	BACT Determination Date: 3/8/2024	ACTIVE
		Equi	pment Information	
Permit Nu	mber: N/A	Generic BACT Determinat	ion	
Equipmer	nt Description:	IC ENGINE		
	Rating/Capacity: nt Location:	≥ 500 BHP		
		BACT Dete	ermination Information	
District	Contact: Joe C			
ROCs	Standard:	See Description		
	Technology Description:	Rich Burn: 60 ppmvd @ 15% C	D2 as methane; Lean Burn: 206 ppmvd @ 15% O2 as methane	
	Basis:	Achieved in Practice		
NOx	Standard:	See Description		
	Technology Description:	Rich Burn: 25 ppmvd @ 15% C)2; Lean Burn: 0.5 g/bhp-hr	
	Basis:	Achieved in Practice		
SOx	Standard:	See Description		
l	Technology Description:	Use of natural gas fuel or equiv	valent and good combustion practices	
	Basis:	Achieved in Practice		
PM10	Standard:	See Description		
	Technology Description:	Use of natural gas fuel or equiv	valent and good combustion practices	
	Basis:	Achieved in Practice		
PM2.5	Standard:	See Description		
	Technology Description:	Use of natural gas fuel or equiv	valent and good combustion practices	
	Basis:	Achieved in Practice		
СО	Standard:	See Description		
	Technology Description:	1.5 g/bhp-hr		
	Basis:	Achieved in Practice		
Comment	S T-BACT is equivaler	nt to BACT for VOC		

CATEGOR	Y TYPE:	LC	DADING RACK		
BACT Cate	gory: Minor Sour	ce BACT			
BACT Dete	ermination Numb	er: 333	BACT Determination Date: 9/1	9/2023	ACTIVE
		Equi	pment Information		
Permit Nu	mber: 27379				
	t Description:	APC TRUCK LOADING	BULK TERMINAL		
	0 1 7	ALL			
Equipmen	t Location:	SFPP, LP 2901 BRADSHAW RD	SACRAN		
				/ENTO, CA	
District	Contact: Matt B			airquality org	
ROCs	Standard:	0.015 lb/1000 gal			
NO03	Technology	Bottom fill loading (submerged	pipe fill loading) with dry break couplers, or equ	uivalent, and VOC emissions	from the
	Description:		stem less than or equal to 0.015 pounds per 1,0		
	Basis:	Achieved in Practice			
NOx	Standard:	0.034 lb/1000 gal			
	Technology Description:				
	Basis:	Achieved in Practice			
SOx	Standard:				
	Technology Description:	Natural gas or LPG fired pilot a	nd air assist		
	Basis:	Achieved in Practice			
PM10	Standard:	0.01 grains/scf			
	Technology Description:				
	Basis:	Achieved in Practice			
PM2.5	Standard:	0.01 grains/scf			
	Technology Description:				
	Basis:	Achieved in Practice			
со	Standard:	0.05 lb/1000 gal			
	Technology Description:				
	Basis:	Achieved in Practice			
Comment	Vapor Recovery Sys Performance for Bull	tems of Terminals (03-17-1999)	ARB Vapor Recovery Test Procedure TP-203.1 or the methods (§60.503) described in 40 CFR asures total mass of VOC emitted from the vap	l Part 60 Subpart XX – Standa	ards of

SMAQMD	BACT	CLEARIN	NGHOUSE

MANUFACTURING PROCESS

CATEGOF	RY TYPE:	MANU	IFACTURING PROCESS	
BACT Cat	egory: MINOR SC	DURCE		
BACT Det	ermination Numb	er: 334	BACT Determination Date: 9/12/2023	ACTIVE
		E	equipment Information	
Permit N	umber: N/A	Generic BACT Determ	ination	
Equipme	nt Description:	CANNABIS OIL EXT	RACTION	
Unit Size	/Rating/Capacity:	ALL		
Equipme	nt Location:			
		BACT D	Determination Information	
District	Contact: Matt E	Baldwin Phone No.	.: (279) 207-1119 email: mbaldwin@airquality.org	-
ROCs	Standard:	95% solvent recovery or c	control	
	Technology	Closed-loop system for vo	platile and nonvolatile extraction units	
	Description:			
	Basis:	Achieved in Practice		
NOx	Standard:	No Standard		
	Technology			
	Description:			
	Basis:	No Standard		
SOx	Standard:			
	Technology			
	Description:			
	Basis: Standard:	No Standard		
PM10				
	Technology Description:			
	Basis:			
DM2 5	Standard:	No Standard		
PM2.5				
	Technology Description:			
	Basis:			
СО	Standard:	No Standard		
	Technology			
	Description:			
	Basis:			
Commen	ts ·			

MATERIAL - HANDLING BACT Category: Small Emitter BACT (PTE < 10 lb/day)	
BACT Determination Number: 262 BACT Determination Date: 6/29/2022 Equipment Information Permit Number: N/A Generic BACT Determination Equipment Description: FEEDER, CRUSHER, SCREEN, TRANSFER & STORAGE Unit Size/Rating/Capacity: STATIONARY AGGREGATE PROCESSING & CONCRETE/ASPHALT Equipment Location: BACT Determination Information District Contact: Felix Trujillo Phone No.: (279)207-1154 email: ftrujillo@airquality.org ROCs Standard: Technology Description: Basis: NOX Standard: Technology Description: Basis: SOX Standard: Technology Description: Basis: Contact: See standards outlined below in the Comments Section. Basis: Achieved in Practice CO Standard: Contact: Contac	
Equipment Information EXPIR Equipment Information EXPIR Equipment Description: FEEDER, CRUSHER, SCREEN, TRANSFER & STORAGE Unit Size/Rating/Capacity: STATIONARY AGGREGATE PROCESSING & CONCRETE/ASPHALT Equipment Location: BACT Determination Information District Contact: Felix Trujillo Phone No.: (279)207-1154 email: ftrujillo@airquality.org ROCs Standard: Technology Description: Basis: NOX Standard: Technology Description: Basis: Standard: Technology Description: Basis: Standard: See standards outlined below in the Comments Section. Basis: Achieved in Practice PM10 See description outlined below in the Comments Section. Basis:	
Permit Number: N/A Generic BACT Determination EXPIR Equipment Description: FEEDER, CRUSHER, SCREEN, TRANSFER & STORAGE Unit Size/Rating/Capacity: STATIONARY AGGREGATE PROCESSING & CONCRETE/ASPHALT Equipment Location: BACT Determination Information District Contact: Felix Trujillo Phone No.: (279)207-1154 email: ftrujillo@airquality.org ROCs Standard:	ACTIVE
Equipment Description: FEEDER, CRUSHER, SCREEN, TRANSFER & STORAGE Unit Size/Rating/Capacity: STATIONARY AGGREGATE PROCESSING & CONCRETE/ASPHALT Equipment Location: BACT Determination Information District Contact: Felix Trujillo Phone No.: (279)207-1154 email: ftrujillo@airquality.org ROCs Standard:	
District Contact: Felix Trujillo Phone No.: (279)207-1154 email: ftrujillo@airquality.org ROCs Standard:	RES 6/28/2024 RECYCLING
ROCs Standard: Technology Description: Technology Description: Basis: Image: Construction of the second of the	
NOCS Technology Description: Technology Description: Feasis: NOX Standard: Technology Description: Feasis: Basis: Feasis: SOX Standard: Technology Description: Feasis: SOX Standard: Technology Description: Feasis: PM10 Standard: See standards outlined below in the Comments Section. Technology Description: See description outlined below in the Comments Section. PM10 Standard: See standards outlined below in the Comments Section. PM2.5 Standard: See description outlined below in the Comments Section. Fechnology Description: See description outlined below in the Comments Section. Fechnology Description: See description outlined below in the Comments Section. Fechnology Description: See description outlined below in the Comments Section. Basis: Achieved in Practice Row See description outlined below in the Comments Section. Basis: Achieved in Practice CO Standard:	
Description: Image: Marking the second	
NOx Standard: Image: Standard: Ima	
Technology Description: Technology Basis: SOx Standard: Technology Description: Technology Description: Basis: Technology Description: See standards outlined below in the Comments Section. PM10 Standard: See standards outlined below in the Comments Section. PM2.5 Standard: See standards outlined below in the Comments Section. PM2.5 Standard: See standards outlined below in the Comments Section. PM2.5 Standard: See standards outlined below in the Comments Section. PM2.5 Standard: See standards outlined below in the Comments Section. PM2.5 Standard: See standards outlined below in the Comments Section. CO Standard: Achieved in Practice	
Description:Description:Basis:Image: Construction of the construction of t	
SOx Standard: Image: Standard: Standard: Technology Description: Basis: Image: Standard: See standards outlined below in the Comments Section. PM10 Standard: See standards outlined below in the Comments Section. See description outlined below in the Comments Section. PM10 Standard: See description outlined below in the Comments Section. PM2.5 Standard: See standards outlined below in the Comments Section. PM2.5 Standard: See description outlined below in the Comments Section. Basis: Achieved in Practice Basis: Achieved in Practice CO Standard: See description outlined below in the Comments Section.	
SOX Technology Description: Image: Comparison of the complexity of the comple	
Description: Description: Basis: Basis: PM10 Standard: See standards outlined below in the Comments Section. Technology Description: See description outlined below in the Comments Section. Basis: Achieved in Practice PM2.5 Standard: See description outlined below in the Comments Section. Technology Description: See standards outlined below in the Comments Section. PM2.5 Standard: See description outlined below in the Comments Section. Basis: Achieved in Practice Basis: Achieved in Practice CO Standard: Image: Standard:	
PM10 Standard: See standards outlined below in the Comments Section. Technology Description: See description outlined below in the Comments Section. Basis: Achieved in Practice PM2.5 Standard: See description outlined below in the Comments Section. Technology Description: See standards outlined below in the Comments Section. PM2.5 Standard: See description outlined below in the Comments Section. Basis: Achieved in Practice Basis: Achieved in Practice CO Standard: See description outlined below in the Comments Section.	
PM10 Standard: See description outlined below in the Comments Section. Technology Description: See description outlined below in the Comments Section. PM2.5 Standard: See standards outlined below in the Comments Section. PM2.5 Standard: See description outlined below in the Comments Section. PM2.5 Standard: See description outlined below in the Comments Section. PM2.5 Standard: See description outlined below in the Comments Section. CO Standard: Achieved in Practice	
PM2.5 Standard: See standards outlined below in the Comments Section. PM2.5 Standard: See description outlined below in the Comments Section. PM2.5 Technology Description: See description outlined below in the Comments Section. PM2.5 Technology Description: See description outlined below in the Comments Section. CO Standard: Achieved in Practice	
PM2.5 Standard: See standards outlined below in the Comments Section. Technology Description: See description outlined below in the Comments Section. Basis: Achieved in Practice CO Standard:	
PM2.5 Oranidard: Technology Description: See description outlined below in the Comments Section. Basis: Achieved in Practice CO Standard:	
Description: Basis: Achieved in Practice CO Standard:	
CO Standard:	
Technology	
Description:	
Basis:	
Comments PM10 and PM2.5: Use of water sprays on crushers, screens, conveyors and transfer points as necessary to sh stringent 40 CFR Subpart OOO opacity limitations. The emissions from the entry feed hopper loading, stockpile be subject to an opacity limitation of 20%. This is a generic BACT determination based on BACT determinations made and published by other air agencies States. See BACT determination evaluation for complete requirements.	le loading and storage piles will

MATERIAL HANDLING

BACT Category: Small Emitter/Minor Source BACT

r							
BACT Dete	ermination Numb	er: 355	BACT	Determination Date:	1/12/2024	ACTIVE	
		E	quipment In	formation			
Equipmen Unit Size/F	Permit Number: N/A Generic BACT Determination Equipment Description: Portable Aggregate Processing & Concrete/Asphalt Recycling Unit Size/Rating/Capacity: > 150 Tons/Hour Equipment Location: Equipment Location:						
BACT Determination Information							
District (District Contact: Felix Trujillo Phone No.: (279) 207-1154 email: ftrujillo@airquality.org						
ROCs	Standard:						
	Technology Description:						
	Basis:						
NOx	Standard:						
	Technology Description:						
	Basis:						
SOx	Standard:						
	Technology Description:						
	Basis:						
PM10	Standard:	See comments section.					
	Technology Description:	See comments section.					
	Basis:	Achieved in Practice					
PM2.5	Standard:	See comments section.					
	Technology Description:	See comments section.					
	Basis:	Achieved in Practice					
со	Standard:						
	Technology Description:						
	Basis:						
Comments	BACT: Use of water	pacity limitations. The em	ns, conveyors and tra		y to show compliance with the most ockpile loading and storage piles wil		
Printed: 5/7/202	24						

MATERIAL - HANDLING

BACT Category:	MINOR SOURCE

BACT Det	ermination Numb	er: 316	B	ACT Determination Date	: 1/22/2024	ACTIVE		
			Equipme	ent Information				
Equipmer Unit Size/	Permit Number: N/A Generic BACT Determination Equipment Description: PORTABLE WOOD WASTE/GREEN WASTE GRINDER Unit Size/Rating/Capacity: ALL Equipment Location: Equipment Location:							
	BACT Determination Information							
District	District Contact: Felix Trujillo Jr. Phone No.: (279) 207-1154 email: ftrujillo@airquality.org							
ROCs	Standard:							
	Technology Description: Basis:	been ground, except for	r composting	of 30% or more must not remain operations and ground material u degrees Fahrenheit or the mois	ised as a biomass fuel, provid	ded that the		
NOx	Standard:							
NOX	Technology Description:							
	Basis:							
SOx	Standard: Technology Description: Basis:							
DM40	Standard:	VEE < or equal to 5% C	Opacity					
PM10	Technology Description: Basis:			ontent of process materials				
PM2.5	Standard:	VEE < or equal to 5% C	Opacity					
1 11/2:0	Technology Description:	Water spray or adequat	te moisture co	ntent of process materials				
	Basis:	Achieved in Practice						
CO	Standard: Technology Description: Basis:							
Common	Comments This is a generic BACT determination based on BACT determinations made, and published, by other air agencies in California and/or other							
Sommen	States.							

MISCELLAN	EOUS
-----------	------

CATEGORY TYPE: MISCELLANEOUS						
BACT Cate	gory: Minor Sour	ce BACT				
BACT Dete	rmination Numb	er: 358	BACT Determination Date: 2/15/2024 ACTIVE			
		Equ	ipment Information			
Permit Nu	mber: 27780					
Equipmen	t Description:	FUEL CELL				
Unit Size/F	Rating/Capacity:	ALL				
Equipmen	t Location:	SACRAMENTO REG. C	OUNTY SANITATION DISTRICT			
ļ		8521 LAGUNA STATION	,,			
District			ermination Information			
District	Contact: Felix T		: (279) 207-1154 email: ftrujillo@airquality.org			
ROCs	Standard:	0.02 lb/MW-hr				
	Technology Description:					
	Basis:	Achieved in Practice				
NOx	Standard:	0.07 lb/MW-hr				
	Technology Description:					
	Basis:	Achieved in Practice				
SOx	Standard:					
	Technology Description:					
	Basis:					
PM10	Standard:					
	Technology Description:					
	Basis:					
PM2.5	Standard:					
	Technology Description:					
	Basis:					
со	Standard:	0.10 lb/MW-hr				
	Technology Description:					
	Basis:	Achieved in Practice				
Comments	Comments This BACT applies to waste gas and/or natural gas fueled fuel cells. DG Units that produce combined heat and power may take a credit to meet the emission standard above. Credit shall be at the rate of one MW-hr for each 3.4 million Btu's of heat recovered. To take the credit, the following must apply: (1) DG Units are sold with combined heat and power technology integrated into a standardized package by the manufacturer; and (2) DG Units achieve a minimum energy efficiency of 60 percent.					

SMAQMD BACT CLEARINGHOUSE								
CATEGOF	RY TYPE:	MIS	CELLANEOUS					
BACT Cate	egory: Minor Sour	rce and Small Emitter BAC	Τ-					
BACT Det	ermination Numb	er: 311	BACT Determination Date:	7/12/2022	ACTIVE			
		Equi	pment Information					
Permit Nu	Permit Number: N/A Generic BACT Determination EXPIRES 7/11/2024							
Equipme	Equipment Description: MAKE-UP AIR UNIT							
	Rating/Capacity: nt Location:	≤ 10 MMBtu/hr						
			ermination Information	1				
District	District Contact: Jeff Quok Phone No.: (279) 207-1145 email: jquok@airquality.org							
ROCs	Standard:	No Standard						
	Technology Description:							
	Basis:							
NOx	Standard:	See Description Below						
	Technology Description: For units with a process temperature < 1,200°F: 30 ppmv corrected to 3% O2 or 0.036 lb/MMBtu							
	Basis:	Achieved in Practice						
SOx	Standard:	No Standard						
	Technology Description:							
	Basis:							
PM10	Standard:	No Standard						
	Technology Description:							
	Basis:							
PM2.5	Standard:	No Standard						
	Technology Description:							
	Basis:							
СО	Standard:	400 ppmv of CO corrected to 3%	% O2					
	Technology Description:							
	Basis:	Achieved in Practice						
Commen	t s This is a generic BA States.	CT determination based on BACT	Γ determinations made, and published, b	y other air agencies in California a	nd/or other			

SMAQMD BACT CLEARINGHOUSE **MISCELLANEOUS** CATEGORY TYPE: BACT Category: MINOR SOURCE BACT Determination Number: 314 BACT Determination Date: 7/25/2022 ACTIVE **Equipment Information** Permit Number: N/A -- Generic BACT Determination **EXPIRES 7/24/2024 Equipment Description:** PLASMA ARC METAL CUTTING TORCH Unit Size/Rating/Capacity: ALL **Equipment Location: BACT Determination Information** District Contact: Felix Trujillo Phone No.: (279) 207-1154 email: ftrujllo@airquality.org Standard: ROCs Technology **Description:** Basis: Standard: NOx Technology **Description:** Basis: Standard: c V

30%		
	Technology Description:	
	Basis:	
PM10	Standard:	99.9% Control Efficiency
	Technology Description:	
	Basis:	Achieved in Practice
PM2.5	Standard:	99.9% Control Efficiency
	Technology Description:	
	Basis:	Achieved in Practice
со	Standard:	
	Technology Description:	
	Basis:	
Common	to T-BACT was determ	nined to be equivalent to BACT

Comments T-BACT was determined to be equivalent to BACT.

			SMAQ	MD E	BACT C	LEA	RING	HOUSE					
CATEGOR	Y TYPE:			MIS	CELL	ANE	EOUS						
BACT Cate	gory: SMALL EM	1ITTER (P	TE < 10 LB	/DAY))								
BACT Dete	ermination Numb	er:	308		BACT	F Dete	erminat	ion Date	: 5/2	4/2022			ACTIVE
			E	Equip	oment	Infor	matio	n					4
Permit Nu	mber: N/A	Generic B/	ACT Detern	· ·							DEC	5/22	3/2024
Equipmen	t Description:	SEWER	LIFT STAT	ION <	< 10 LB/C	DAY					RES	5/23	»/ZUZ4
	Rating/Capacity:	VOC PT	E < 10 LB/D	DAY									
Equipmen	t Location:												
			BACT	Dete	rmina	tion	Info	rmatic	n				
District (Contact: Jeff W		Phone No.:					Jweiss		ality.org			
ROCs	Standard:	None											
	Technology												
	Description:												
	Basis:	Achieved in	n Practice										
NOx	Standard:	None											
	Technology												
	Description:	Achieved ir	Practice										
0.014	Basis: Standard:	None	TTACLICC										
SOx	Technology												
	Description:												
	Basis:	Achieved in	n Practice										
PM10	Standard:	None											
	Technology												
	Description:												
	Basis:	Achieved in	n Practice										
PM2.5	Standard:	None											
	Technology												
	Description: Basis:	Achieved ir	n Practice										
со	Standard:	None											
	Technology												
	Description:												
	Basis:	Achieved in	n Practice										
Comment	S This BACT determin	ation applies	only to public	ly owne	ed wastewa	ater lift	stations t	hat emit les	ss than	10 lb/day a	it non-ma	jor source	€S.

CATEGOR	Y TYPE:	MISCELLANEOUS	
BACT Cate	egory: MINOR SC	OURCE BACT	
BACT Dete	ermination Numb	er: 329 BACT Determination Date: 12/28/2023	ACTIVE
		Equipment Information	
Unit Size/	Imber: N/A ont Description: Rating/Capacity: Int Location:	Generic BACT Determination TANK DEGASSING ALL	
		BACT Determination Information	
District	Contact: VENK	REDDY Phone No.: (279) 207-1146 email: vreddy@airquality.org	
ROCs	Standard:	50 ppmv @ 3% O2 or 99% control	
	Technology Description:	Carbon, Oxidizer	
	Basis:	Achieved in Practice	
NOx	Standard:	Various based on fuel and temp	
	Technology Description:	Low NOx burner	
	Basis:	Achieved in Practice	
SOx	Standard:	95% reduction or 2 lbs/day	
	Technology Description:	SOx capture technology	
	Basis:	Achieved in Practice	
PM10	Standard:	Propane or Natural Gas	
	Technology Description:	Use of clean fuels	
	Basis:	Achieved in Practice	
PM2.5	Standard:	Propane or Natural Gas	
	Technology Description:	Use of clean fuels	
	Basis:	Achieved in Practice	
СО	Standard:	1,000 ppmv	
	Technology Description:	Low NOx burner	
	Basis:	Achieved in Practice	
Comment		fuel is 20 ppmv @ 3% O2 or 0.024 lb/mmbtu Is and fuel mixtures is 60 ppmv @ 3% O2	

SMAQMD BACT CLEARINGHOUSE

ORGANIC LIQUID - LOADING

CATEGOR	Y TYPE:	ORGANI	IC LIQUID - LOADING					
BACT Cate	gory: MINOR SC	URCE						
BACT Dete	BACT Determination Number: 331 BACT Determination Date: 7/5/2023 ACTIVE							
		Equi	ipment Information					
Unit Size/	mber: N/A (at Description: Rating/Capacity: at Location:		DING					
	BACT Determination Information							
District Contact: Venk Reddy Phone No.: 279-207-1146 email: vreddy@airquality.org								
ROCs	Standard:	0.08 lb/1000 gal						
	Technology Description:	Balance system and 0.08 lbs \	/OC/1000 gal					
	Basis:	Achieved in Practice						
NOx	Standard:							
	Technology Description:	No standard						
	Basis:							
SOx	Standard:							
	Technology Description:	No standard						
	Basis:							
PM10	Standard: Technology	No standard						
	Description:							
	Basis:							
PM2.5	Standard: Technology Description:	No standard						
	Basis:							
СО	Standard:							
	Technology Description:	No standard						
	Basis:							
Comment	s This is a generic BA States.	CT determination based on BAC	CT determinations made, and published, by other air agencies in Ca	ılifornia and/or other				

PHARMACEUTICAL PROCESS

BACT Cate	egory: MINOR SC	OURCE BACT			
BACT Dete	ermination Numb	er: 332	BACT Determination Date:	8/8/2023 ACT	IVE
	Equipment Information				
Unit Size/	nt Description:	Generic BACT Determinat PHARMACEUTICAL MA BATCH PROCESSING	ion NUFACTURING PROCESS (AMF	PAC)	
		BACT Dete	ermination Information		
District	Contact: Jeff W	Veiss Phone No.: (279) 207-1155 email: jweiss@a	rquality.org	
ROCs	Standard:				
	Technology Description:	Refrigerated condensers, after Achieved in Practice	burners, or carbon adsorbers per commer	ts (below)	
	Basis: Standard:				
NOx	Technology Description: Basis:				
SOx	Standard:	-			
	Technology Description: Basis:				
PM10	Standard:				
	Technology Description: Basis:				
PM2.5	Standard:	-			
	Technology Description: Basis:				
со	Standard:				
	Technology Description:				
	Basis:				
Comments Afterburners, Refrigerated Condensers, or Carbon Adsorbers with a capture/control efficiency of ≥ 90%. For those chemical streams which preclude a control of 90% because of their chemical or physical characteristics, a ≥ 0.3 second retention time at ≥ 1400 °F for afterburners and an exit gas temperature of -25 °C for condensers will also satisfy BACT if emissions from reactors, distillation columns, crystallizer, evaporators, and centrifuges are less than 15 lb/day and emissions from dryers are less than 10 lb/day. A scrubber may also be used if it achieves a capture/control efficiency of ≥ 90%.					

PRINTING PROCESS

CATEGOR	RY TYPE:	PR	INTING PROCESS	
BACT Cate	egory: MINOR SO	URCE BACT		
BACT Det	ermination Numbe	er: 325	BACT Determination Date: 3/9/2023	ACTIVE
		Eq	uipment Information	
Permit Nu	umber: N/A C	Generic BACT Determin	ation	
	nt Description:	LITHOGRAPHIC OFFS	SET HEATSET	
	Rating/Capacity:	ALL		
Equipmei	nt Location:			
		BACT De	termination Information	
District	Contact: Joe Ca	arle Phone No.: (279	9) 207-1121 email: jcarle@airquality.org	
ROCs	Standard:	APC device with 98% efficient	ency	
	Technology Description:		VOC control device with 98% control efficiency or an outlet VOC concentrat al limits in SMAQMD Rule 450 Sections 301 & 302	ion of 10 ppmv
	Basis:	Achieved in Practice		
NOx	Standard:	20 ppmv @ 3% O2 or 0.036		
	Technology Description:	•	s ≤ 20 ppmv @ 3% O2 or ≤ 0.036 lb/MMBtu	
	Basis:	Achieved in Practice		
SOx	Standard:	No standard		
	Technology Description:			
	Basis:			
PM10	Standard:	Vent to VOC control device		
	Technology Description:	Vent dryer waste gas to a VC	OC contol device	
	Buolo.	Achieved in Practice		
PM2.5	Standard:	No standard		
	Technology Description:			
	Basis:			
СО	Standard:	1000 ppmv @ 3% O2		
	Technology Description:	Dryer combustion emissions	s ≤ 1000 ppmv @ 3% O2	
	Basis:	Achieved in Practice		
Comment	S T-BACT: Capture and	d vent to VOC control device	with at least 98.5% destruction/recovery device efficiency	

PRINTING PROCESS

BACT Cate	egory: MINOR SC	JURCE			
BACT Dete	ermination Numb	er: 326	BACT Determination Date	e: 3/9/2023	ACTIVE
		Εqι	ipment Information		
Unit Size/	mber: N/A on t Description: Rating/Capacity: ht Location:	Generic BACT Determina LITHOGRAPHIC OFFS ALL			
		BACT Det	ermination Information	on	
District	Contact: Joe Ca	arle Phone No.: (279) 207-1121 email: jcarle@a	airquality.org	
ROCs	Standard:	Low VOC materials (APC dev	rice if emissions ≥ 7806 lb/yr)		
	Technology Description: Basis:	Compliance with the material limits in SMAQMD Rule 450 Sections 301 & 302. If the total uncontrolled VOC emissions from the unit are ≥ 7806 lbs/yr, a VOC control system must be installed with at least 98.5% overall system efficiency (capture and destruction). Achieved in Practice			
NOx	Standard:	No standard			
	Technology Description:				
60x	Basis: Standard:	No standard			
SOx	Technology Description:				
	Basis:	No standard			
PM10	Standard: Technology Description:				
	Basis:	No standard			
PM2.5	Standard: Technology Description: Basis:				
со	Standard:	No standard			
	Technology Description:				
	Basis:				
Comment	s F-BACT: Capture an	id vent to a VOC control device	with at least 98.5% destruction/recover	y device efficiency.	

CATEGOR	RY TYPE:		STERILIZER	
BACT Cate	egory: Small Emit	tter BACT (PTE < 10 lb/da	ay)	
BACT Determination Number: 335			BACT Determination Date: 2/14/2024 A	CTIVE
		Equ	upment Information	
Permit Nu	umber: 27695			
Equipme	nt Description:	BOTTLE STERILIZER		
Unit Size/	Rating/Capacity:	< 10 lbs/day VOC		
Equipme	nt Location:	HP HOOD, LLC		
		8340 BELVEDERE AVE	E SACRAMENTO, CA	
			termination Information	
District	Contact: Jeff W	Veiss Phone No.: (916	6) 704-9995 email: Jweiss@airquality.org	
ROCs	Standard:	Refer to Comment Section (be	ielow)	
	Technology Description:	Refer to Comment Section (be	elow)	
	Basis:	Achieved in Practice		
NOx	Standard:			
	Technology Description:			
	Basis:			
SOx	Standard:			
	Technology Description:			
	Basis:			
PM10	Standard:			
	Technology Description:			
	Basis:			
PM2.5	Standard:			
	Technology Description:			
	Basis:			
СО	Standard:			
	Technology Description:			
	Basis:			
Commen	efficiency of 90% an compliance with Rul Maintenance cleanir	nd a minimum control efficiency of le 466 Sec. 304.3 ng activities are limited to 25 g/l	pment is limited to 200 g/l VOC or must vent to an APC device with a minimum co of 95% or have an output of less than 50 ppmv calculated as carbon with no dilut I (0.21 lb/gal) or must vent to an APC device with a collection efficiency of 90% an than 50 ppmv calculated as carbon with no dilution and compliance with Rule 466	ition and nd either a