

**Guidelines for Reporting Emissions from Automotive Body Shop Operations** 

December 2024

# Introduction

Automotive repair facilities or any facility that uses automotive paints and coatings may be required to report their emissions under South Coast Air Quality Management District's (South Coast AQMD's) Rule 301(e) or the California Air Resource Board's (CARB's) Regulation for the reporting of Criteria Air Pollutants and Toxic Air Contaminants Regulation (CTR). This reporting is done through the Annual Emissions Reporting (AER) WebTool.

The activity threshold for reporting applicability is 50 gallons of total coating use. Auto body facilities which meet or exceed this activity threshold must submit an AER for data year 2024. Annual reporting will be required for data year 2026 and subsequent years the facility exceeds the threshold. The threshold includes 50 gallons of total combined coatings (e.g., 25 gallons of color coat and 25 gallons of clear coat, or 50 gallons of primer alone).

Coatings are composed of solvents and solids. The solvent is the liquid component that the solids are dissolved in and contain volatile organic compounds (VOC) pollutants. Some coatings are water-based and contain little to no VOC. The solids consist of binders and pigments which are particulate matter (PM) pollutants. The solvent (VOCs) evaporates after application and a portion of the solids (PM) remain on the surface of the substrate coated. When coatings are sprayed, some solids become airborne and become PM emissions. A typical automotive spray booth can control some but not all PM emissions. Both the solvent and solid portions of a coating can contain toxic air contaminants which must also be reported. Therefore, to comprehensively report all emissions from coating operations, the report must contain VOC, PM, and listed toxic air contaminants. Additionally, facilities that operate a natural gas-fired, heated spray booth will need to report combustion emissions associated with that heater.

## **Default Emission Factors**

Emissions in the AER WebTool are calculated using coating throughputs, emission factors, transfer efficiencies, and control efficiencies. The amount of a category of paint used in a paint spray booth, typically in gallons, is the throughput of that paint category for that spray booth (termed a 'device' or 'emission source' in the WebTool). The amount of natural gas used to heat a paint spray booth, if so equipped, would be the throughput for that heater. Emission Factors (EFs) are ratios of how much emissions are produced for a particular throughput of that activity. In the case of coatings, the emission factor is typically described in pounds of pollutant per gallon of paint (e.g., lb/gal).

South Coast AQMD has provided default EFs for various automotive coatings categories for reporting.<sup>1</sup>

### VOC Emissions

The emission factor for VOC coatings is the VOC content. Default VOC emission factors provided in the AER WebTool are based on Rule 1151 limits and will auto-populate during reporting.

### PM Emissions

### PM Control Efficiency

Particulate matter is captured by the filters in the spray booth. The default control efficiency of standard spray booth filters is 90 percent, which will populate in the AER WebTool as 0.90.

### PM Transfer Efficiency

While the goal of applying a coating is to cover the substrate with a protective or decorative coating, not all application methods result in all the coating applied to the substrate. Brush application or dipping parts into paint results in all the coating applied to the substrate. However, when sprayed, some of the coating does not adhere to the substrate. The transfer efficiency represents the fraction of the coating that adheres to the substrate. High volume, low pressure (HVLP) spray guns have a default transfer efficiency of 65 percent, which is entered as faction into the AER WebTool. This means that 65 percent of the PM portion of the coating adheres to the substrate, and 35 percent of the PM portion of the coating is emitted to the air.

#### PM Solid Content

PM emissions are estimated from the solid content of the coatings. Default solid contents are provided by the AER WebTool. The default solid content 3.0 lb/gal.

## Toxic Air Contaminant Emissions

Toxic Air Contaminants (TACs) in coatings are categorized as either PM or VOC. PM TACs are the TACs that make up the solid portion of the coating while VOC TACs are the TACs that make up the solvent portion of the coating. The AER WebTool will provide the correct transfer efficiency based on the type of application and coating category the user enters. Default TAC emissions will also be automatically loaded.

## Solvent Use

Cleaning solvents are used for various cleaning operations at an auto body facility. Solvents containing VOC must also be reported. Other cleaning products not containing VOC, such as acetone, do not have to be reported. Facilities using only Rule 1171-compliant solvents may enter 0.21 lb/gal as a default value, which is based on the 25 g/L Rule 1171 limit.

<sup>&</sup>lt;sup>1</sup> See Excel file listing default emission factors for auto body coatings: https://www.aqmd.gov/docs/default-source/planning/annual-emission-reporting/final-automotive-ef-forim-11-01-2024-with-tac-id-and-voc-pm.xlsx

#### Heater Emissions

Some spray booths are equipped with natural gas heaters to accelerate drying or curing of the applied coatings. Combustion of natural gas generates emissions and must be reported. Default combustion emission factors are provided in the WebTool. The reporter may estimate gas usage from direct measurement, such as a gas meter, or from utility bills. Electric heaters do not generate emissions and therefore do not need to be reported.

If the natural gas heater is equipped with a gas meter, use the meter to obtain the annual throughput. Otherwise, gas usage can be estimated using gas bills. Gas bills often provide a monthly average usage in units of therms. This monthly average can be multiplied by 12 to estimate the annual usage. If more than one booth is equipped with a natural gas heater, divide the annual throughput by the number of booths to estimate the usage of each booth.

#### **Reporting Spray Booth Emissions in the AER WebTool:**

Spray booths do not qualify for Abbreviated Reporting. Do not select Abbreviated Reporting if the facility includes a spray booth.

 For most facilities all permitted equipment, including spray booths, will be preloaded in the AER WebTool. Under the Emission Sources (ES) tab, these permitted devices are found in the green table. To view details and edit these pieces of equipment, select the blue profile link on the left-hand side of the table. If the user does not see their device, they can click on the orange button above 'Add New Emission Source' and add the device.

-acility ID: 999007	Build Repor	ting S	tructur	e										
Facility Comments	Emission Source	es (ES) (	Classifica	tion										
Abbreviated Reporting 1. Facility Information 2. Status Update 3. Combustion Fuels 4. Emission Sources (ES) 5. Report Process/Emissions 5. Additional Toxic	Summary: 1 ( Instruction: 4 E	This sect (ES). Nev Add Devi Emission tank dat	tion conta w emissio ices (emis Source ( a by click	ains facili In source ssions sou ES) Colun ting on lir	ty permit profile s can also be ado irces) by clicking nn. Add emission ak "Click here" be	e. Please led. g "Add Ne data by elow.	make s w Emis clicking	ure th sion Sc g "Oper	at every de ource". Edit n" under th	evice has devices e Emissi	a specifie by clickir ons colum	ed En ng "Pr in. Up	nission Sourc ofile" under pload storag	the e
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	A/N				Permit NO									
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	Profile Open	654321				ESő	South Booth		Spray Coating/Spray Booth	Y	Automotive Spray Booth	N	NR	Work in progress
	Profile Open	456123				ES5	North Spray Booth		Spray Coating/Spray Booth	Y	Automotive Spray Booth	N	NR	Work in progress
	Profile Open	123458				ES4	Spray Booth		Spray Coating/Spray	Y	Automotive Soray Rooth	N	NR	Work in

2. Fill out all required information as denoted by the red asterisk next to the field. Required fields including ES Name (the user should enter the name used at the facility for the device for easy reference, e.g., Booth No 1), and then select the Operating ES Status from the drop-down menu.

-acility ID: 999007	Edit Emission Source	
Facility Comments	Eart Emission Source	
Abbreviated Reporting 1. Facility Information 2. Status Update 3. Combustion Fuels	Instruction: Add new e placards. S with a Red informatio	missions sources using information found on permits, manufacturers specifications, or identifying Select the Operating ES Status that best reflect the device's operation for this reporting period. All areas Asterisk (*) must be addressed. Note: Some devices have been pre-populated, verify that the n is correct
Emission Sources (ES)     Report Process/Emissions     Additional Toxic     iubstances Production and     Jsage     Zerform Data Validation	Abbreviated Repor Starting in Reporting Year 202 Your eligibility to file Abbrev Click <u>here</u> to find out more de	<b>ting</b> 2 some facilities can qualify for Abbreviated Reporting i <b>ated Report depends in part on the types of Emission Sources used at your Facility.</b> tails about Abbreviated Reporting and its possible benefits.
3. Review Summaries	Permitted	
). Print Facility Report	A/N	456123 ()
10. Report Submission	PERP Equipment(CARB's Portable Equipment Registration Program)	
	Permit No	0
	Permit Device ID	
	Permit Equipment Description	
	AER Device ID	ES5 Assign new ID
	ES Name	North Spray Booth
	Operating ES Status	Normal Operation 🗸 *
	Comment	
	Emission Source Category	Categorize Emission Source
	Equipment	
	Design Capacity	•
	Save or Save and ret	urn to List of Emission Sources or
	Save and proceed to Proc	ess Reporting or <u>Cancel</u>
	Optional: Save and Mark a	as Completed Click here to <u>delete</u> this emission source and associated data.

3. Next, click on the orange Categorize Emission Source button. The pop-up window shown in the image below will appear. Select "Click Here" in Item 3. Spray Coating/Spray Booth, then check the box for "Automotive Spray Booth".

If your spray booth is equipped with a gas fired heater you will also need to categorize it in this step. Select "Click Here" 1.External Combustion Equipment. then check the box for heater based on the rating of the heater. Most spray booth heaters are in the 10-100 MMBTU Range, but you can check your equipment or permit to verify. (Instructions for heated booths continue in step 10 of this guidance document). Finally, click the orange save button at the bottom of the dialog box.

acility ID:	999007	Edit Em	nission Source					
Facility Comme	nts							
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Substances Proc	Permitted	A/N	Permit No	Permit Device ID	Permit Equipment Descri	AFP Device ID	ES Name	
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	<ol> <li>Extern followi</li> <li>Intern followi</li> <li>Spray</li> <li>Spr Au</li> <li>Au</li> <li>Other followi</li> <li>Liquid</li> </ol>	al Combusing Equipm al Combusting Equipm Coating/Sp ray Booth tomotive S Use of Org: ng Equipm Storage Ta	tion Equipment ( ent: ion Equipment ( ent: oray Booth (e.g., Spray Booth anics (e.g., coati ent: nk (e.g. Undergr	e.g., boiler, dryer, oven, e.g., internal combustio coatings, solvents, adh ngs, solvents, inks, adh ound, Aboveground, Sn	furnace, heater, afterburner, fla n engine (excluding vehicles), tu esives, etc.) <mark>click here</mark> to select o Open Spray esives, etc.) except in Spray Coa nall Tanks, Dispensing Systems)	re, kiln or incinerator) <u>click he</u> rbine or micro turbine) <u>click he</u> one of the following Equipment ting/Spray Booth, <u>click here</u> to <u>click here</u> to select one of the	re to select one of the t: o select one of the following Equipment:	•
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		Optio	onal: Save and M	ark as Completed		Click here to <u>dele</u>	te this emission source and	associated data.



Facility ID: 999007 Facility Comments	Work In Progress - Facility ID Edit Emission Source	: 999007 · SOUTH COAST AIR QUALITY MGT DIST(SCAQMD) · Reporting period: 2024
Abbreviated Reporting 1. Facility Information 2. Status Update 3. Combustion Fuels	Instruction: Add new emissions sources using information fo placards. Select the Operating ES Status that be with a Red Asterisk (*) must be addressed. Note information is correct	und on permits, manufacturers specifications, or identifying est reflect the device's operation for this reporting period. All areas : Some devices have been pre-populated, verify that the
4. Emission Sources (ES) 5. Report Process/Emissions 6. Additional Toxic Substances Production and Usage 2. Perform Data Validation	Abbreviated Reporting Starting in Reporting Year 2022 some facilities can qualify for Abbreviated Your eligibility to file Abbreviated Report depends in part on the types Click <u>here</u> to find out more details about Abbreviated Reporting and its po	i Reporting : of Emission Sources used at your Facility. sssible benefits.
8. Review Summaries	Permitted	
9. Print Facility Report	A/N	123456 🚺
10. Report Submission	PERP Equipment(CARB's Portable Equipment Registration Program)	
	Permit No	0
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	AER Device ID	ES4 Assign new ID
	ES Name	Spray Booth 13
	Operating ES Status	Normal Operation
	Comment	le de la constante de la consta
	Emission Source Category	External Combustion, Spray Coating/Spray Booth Categorize Emission Source
	Equipment	Heater 10-100 MMBTU/HR
	Application Type	HVLP Spray
	Coating Categories	Adhesion Promoter
		Clear Coating
		Color Coating
		Pretreatment Coating
		Single-Stage Coating
		Inderbed: Casting

4. Several options will appear under the Categorize Emission Source button. Select the application type of the spray booth from the drop-down menu. Next, check the boxes for the all the types of coatings that were applied in the spray booth during the year. Be sure to add all coatings here before proceeding, as returning to this page to make edits may cause data loss.

uenicy 101 ///00/	Click here to find out more d	tails about Abbreviated Reporting and its possible ben	efits.
Facility Comments			
Abbreviated Reporting	Permitted		
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2. Status Update 3. Combustion Fuels	PERP Equipment(CARB's Portable Equipment Registration Program)		
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5. Additional Toxic	Permit Device ID		
Substances Production and Jsage 7. Perform Data Validation	Permit Equipment Description		
3. Review Summaries	AER Device ID	ES5 Assign new ID	
9. Print Facility Report	ES Name	North Spray Booth *	
10. Report Submission	Operating ES Status	Normal Operation	
	Comment	l	
	Emission Source Category	Spray Coating/Spray Booth Categorize Emission Source	
	Equipment	Automotive Spray Booth	
	Application Type	· · · · · · · · · · · · · · · · · · ·	
	Coating Categories	Adhesion Promoter	
		Clear Coating	
		Color Coating	
		Pretreatment Coating	
		Primer	
		Single-Stage Coating	
		Truck Bed Liner Coating	
		Underbody Coating	
		Uniform Finishing Coating	
		Any Other Coating Type	
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	Save or Save and re	urn to List of Emission Sources or	
	Save and proceed to Proc	ess Reporting or <u>Cancel</u>	
	Optional: Save and Mark	is Completed	Click here to delete this emission source and associated data.

5. Once the types of coatings are selected you can click the orange 'Save and Return to List of Emission Sources' button to return to the previous Emission Source page or click the 'Save and Proceed to Process Reporting' button to continue to emissions reporting for this device. For this example, user should click on 'Save and Proceed to Process Reporting' button.

Permitted A/N PERP Equipment(CARB's Portable Equipment Registration Program) Permit No Permit Device ID Permit Equipment Description AER Device ID ES Name Operating ES Status Comment Emission Source Category	Image: Spray Coating/Spray Booth
Permitted A/N PERP Equipment(CARB's Portable Equipment Registration Program) Permit No Permit Device ID Permit Equipment Description AER Device ID ES Name Operating ES Status Comment	Image: Spray Coating/Spray Booth
A/N PERP Equipment(CARB's Portable Equipment Registration Program) Permit No Permit Device ID Permit Equipment Description AER Device ID ES Name Operating ES Status Comment Emission Source Category	456123 0
PERP Equipment (CARB's Portable Equipment Registration Program) Permit No Permit Device ID Permit Equipment Description AER Device ID ES Name Operating ES Status Comment	Image: Spray Coating/Spray Booth
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Permit Equipment Description AER Device ID ES Name Operating ES Status Comment	ES5 Assign new ID North Spray Booth Normal Operation
AER Device ID ES Name Operating ES Status Comment	ES5 Assign new ID North Spray Booth Normal Operation Spray Coating/Spray Booth
ES Name Operating ES Status Comment	North Spray Booth Normal Operation Spray Coating/Spray Booth
Operating ES Status Comment	Normal Operation
Comment	Spray Coating/Spray Booth
Emission Source Category	Spray Coating/Spray Booth
Emission source category	Categorize Emission Source
Equipment	Automotive Spray Booth
Application Type	× *
Coating Categories	Adhesion Promoter
	Clear Coating
	Color Coating
	Pretreatment Coating
	Primer
	Single-Stage Coating
	Truck Bed Liner Coating
	Underbody Coating
	Uniform Finishing Coating
	Any Other Coating Type
Design Capacity	0.000000
Save or Save and reta Save and proceed to Proc Optional: Save and Mark a	turn to List of Emission Sources or cess Reporting or <u>Cancel</u> as Completed Click here to <u>delete</u> this emission source and associated data.
	Application Type Coating Categories Design Capacity Save or Save and ret Save and proceed to Prov Optional: Save and Mark

6. The following window will then pop-up showing processes for each of the types of coatings selected previously. Click the blue Open link next to the first Spray Coating/Spray Booth option in the table. The user can also open the processes from the '5. Report Processes/Emissions' page on the left-hand menu of the page and navigating to the 'Spray Coating/Spray Booth' category.

cility ID: 999007	7	Form dat	a is succ	essfully	saved.									
ility Comments														
eviated Reporting	Bu	ild Re	porti	ng Str	ucture									
cility Information	Em	ission S	ources	(ES) Cla	assification									
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e rform Data Validation view Summaries int Facility Report	Open	123456		10	Description	ES4	Spray Booth 13	Hume	External Combustion, Spray Coating/Spray Booth	Y	Heater 10- 100 MMBTU/HR	N	NR	
eport Submission		Pr	ocess ID		Source Group		Proc	ess/Ma	terial/Fuel Na	me	Status		Operation Type	1
	Op	en	P1	Spray	Coating/Spray	Booth		Clea	r Coating	V	Vork in progre	55	routine	
	Op	en	P2	Spray	Coating/Spray	Booth		Cold	r Coating	V	Vork in progre	ss	routine	
	Qp	en	P3	Spray	Coating/Spray	Booth	2	Truck Be	I Liner Coating	V	Vork in progre	55	routine	
	Qp	en	P4	Ext	ternal Combust	ion				V	Vork in progre	55	routine	
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Facility Comments	Spra	y Coatin	g/Spray	Boot	h								
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Combustion Fuels Emission Sources (ES) 5. Report Process/Emissions Combustion External Combustion Internal Combustion	Ab Cert As pa If yo Click	Abbreviated Reporting Certain combination of equipment code and fuel source may disqualify you from Abbreviated Reporting. As part of Abbreviated Reporting, you Must only use AQMD Default Emission Factors. If you select anything other than AQMD Default Emission Factors you will be disqualified from Abbreviated Reporting. Click here to find out more details about Abbreviated Reporting and its possible benefits.											
Use of organics	Step	1: Process							O	otional: Mark as Co	ompleted		
Spray Coating/Spray Booth Other Use of Organics		AER Device	Permit Device ID	A/N	Process ID	Rule #		Material/Activity Cod	е	Material Description	SCC		
Storage Tanks Fugitive Components	Open	ES5		456123	P1	1151 Cc	pating:Motor Vehi perations:HVLP A	cle and Mobile Equipment Non-A pplication:Clear Coating	ssembly Line Coating	Clear Coating	40201606		
)ther Processes Process Upset Additional Toxic	Step 2	2: Through	put						Click	k here to <u>delete</u> thi	s process.		
ostances Production and age								Annual Throughput					
Perform Data Validation Review Summaries Print Facility Report	Open Step	3: Criteria	Emissions	(lbs)									
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	Add	I New											

7. Click the blue Open link under Step 2: Throughput and fill out all required information as denoted by the red asterisks next to the fields. This will include the throughput and how the throughput measurement was acquired or recorded. Click on the orange Save button once all relevant information has been entered.

Spie	ay Coatin	g/Spray	Boot	h						
ng Plea on usag step	ase provide ge, emission <b>os to reset</b> .	specific ir factor, a Detailed	nformat nd cont instruct	ion for rol efficitions are	every pr ciency (i e availat	ocess associa f any). <b>Pleas</b> le by clickin	ated with the organics used e start with Step 1, edits g on Help icon in the tool b	l in spray coating/sp to Step 1 may cause par.	ray booth inclue a data in the fo	ding Ilowing
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Open	ES5		456123	P1	1151 Co	ating:Motor Veh erations:HVI P A	cle and Mobile Equipment Non-Asse	embly Line Coating	Clear Coating	402016
Step	2: Through	put					Annual Throughput			
nd D <u>Den</u> Step	3: Criteria	Emissions	(lbs)							
<u>Open</u> Step	3: Criteria	Emissions	; (lbs)	EF		Unit	EF Data Source	Overall CE	Emis	sions
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acility ID: 999007	Spray C	oating/S	Spray	Booth								
Facility Comments	Please p	rovide spe	cific inf	ormation	for e	very process assoc	iated with the orga	nics used in sp	ray coatin	g/spray	/ booth includ	ding
bbreviated Reporting Facility Information	usage, en steps to	mission fac reset. Det	tor, an ailed ir	d control structior	effici ns are	iency (if any). Plea available by click	ase start with Step ing on Help icon in t	1, edits to Ste he tool bar.	ep 1 may c	ause d	ata in the fo	llowing
Status Update Combustion Fuels Emission Sources (ES)	Abbre Certain co	viated R	epor of equip	<b>ing</b>	and f	uel source may disqu	alify you from Abbrev	iated Reporting.				
i. Report Process/Emissions	Edit TI	hroughput	Inform	nation - !	Sprav	Coating/Spray B	ooth		×	].		
Combustion External Combustion	AER Device	Permit Device ID	A/N	Process ID	Rule #	Material/	Activity Code	Material Description	SCC	Ontio	nal- Mark as Co	moleted
Use of organics	ES4		111111	P2	1151	Coating: Motor Vehicle Non-Assembly Line Co Application: Clear Coat	and Mobile Equipment ating Operations:HVLP ing	Clear Coating	40201606	српс	Material	an presed
Booth						Annual Throughpu	t				Description	SUC
Other Use of Organics				-		100.00000000 gal					Clear Coating	4020160
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Fugitive Components	Throug	hput Type		Input	<b>v</b> *							
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Review Summaries	Step of er	Teeria Eim	5510115	(65)								
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). Report Submission	Open	VUC										000000000

8. The AER WebTool will automatically calculate both criteria and toxic pollutant emissions based on the user entered throughput using default emission factors. Click on the orange 'Back to Emission Source Process Reference' button at the bottom of the page to return to the list of coatings.

Step	3: Criteria Emis	ssions (lbs)				
	Pollutant	EF	Unit	EF Data Source	Overall CE	Emissions
<u>Open</u>	VOC	2.1000000e+0	lbs / gal	AQMD default		2.1000000e+2
<u>Open</u>	PM	1.0500000e+0	lbs / gal	AQMD default	0.9000000	1.0500000e+1
Ad	d New					

-מכווונץ וט: אאאטטי					gai	gerautt		
Facility Comments	<u>Open</u>	Diethylene glycol monoethyl ether	111900	2.73110390e-5	lbs / gal	AQMD default		2.73110390e-3
Abbreviated Reporting	<u>Open</u>	Ethylene glycol monobutyl ether acetate	112072	3.21300674e-2	lbs / gal	AQMD default		3.21300674e+0
1. Facility Information 2. Status Update	<u>Open</u>	Diethylene glycol monobutyl ether	112345	5.46219343e-6	lbs / gal	AQMD default		5.46219343e-4
3. Combustion Fuels	<u>Open</u>	Ethylene glycol monophenyl ether	122996	1.60272500e-3	lbs / gal	AQMD default		1.60272500e-1
<ol> <li>Emission Sources (ES)</li> <li>Report Process/Emissions</li> </ol>	<u>Open</u>	Diethylene glycol monobutyl ether acetate	124174	4.42969017e-3	lbs / gal	AQMD default		4.42969017e-1
Combustion	<u>Open</u>	Dipropylene glycol	25265718	1.89480086e-6	lbs / gal	AQMD default		1.89480086e-4
Internal Combustion	<u>Open</u>	Dipropylene glycol monomethyl ether	34590948	1.38933456e-4	lbs / gal	AQMD default		1.38933456e-2
Use of organics Spray Coating/Spray	<u>Open</u>	n-Butyl alcohol	71363	5.19540835e-4	lbs / gal	AQMD default		5.19540835e-2
Booth Other Use of Organics	<u>Open</u>	Hexane	110543	3.02371114e-6	lbs / gal	AQMD default		3.02371114e-4
Storage Tanks	<u>Open</u>	Hydrochloric acid	7647010	2.17100000e-9	lbs / gal	AQMD default	0.9000000	2.17100000e-8
Other Processes	<u>Open</u>	Hexamethylene-1,6-diisocyanate	822060	1.61801278e-3	lbs / gal	AQMD default		1.61801278e-1
Process Upset	<u>Open</u>	Isophorone diisocyanate {IPDI}	4098719	6.58665430e-4	lbs / gal	AQMD default		6.58665430e-2
jubstances Production and Jsage	<u>Open</u>	Methanol	67561	2.55978038e-4	lbs / gal	AQMD default		2.55978038e-2
7. Perform Data Validation	<u>Open</u>	Methyl ethyl ketone {2-Butanone}	78933	6.44985210e-2	lbs / gal	AQMD default		6.44985210e+0
<ol> <li>Review Summaries</li> <li>Print Facility Report</li> </ol>	<u>Open</u>	Methyl isobutyl ketone {Hexone}	108101	5.71672143e-2	lbs / gal	AQMD default		5.71672143e+0
10. Report Submission	<u>Open</u>	Triphenyl phosphite [POM]	101020	5.97078326e-4	lbs / gal	AQMD default	0.9000000	5.97078326e-3
	<u>Open</u>	Propylene oxide	75569	4.84936855e-8	lbs / gal	AQMD default		4.84936855e-6
	<u>Open</u>	Styrene	100425	4.22745780e-4	lbs / gal	AQMD default		4.22745780e-2
	<u>Open</u>	Toluene	108883	1.60692694e-2	lbs / gal	AQMD default		1.60692694e+0
	<u>Open</u>	Cumene	98828	7.01941580e-4	lbs / gal	AQMD default		7.01941580e-2
	<u>Open</u>	Xylenes	1330207	1.95616037e-1	lbs / gal	AQMD default		1.95616037e+1
	<u>Open</u>	Cyclohexane	110827	2.61585474e-5	lbs / gal	AQMD default		2.61585474e-3
	<u>Open</u>	1-Chloro-4-(trifluoromethyl)benzene {PCBTF}	98566	3.18616372e+0	lbs / gal	AQMD default		3.18616372e+2
	<u>Open</u>	N-methyl-2-pyrrolidone {N-Methylpyrrolidone} {NMP}	872504	3.39789337e-4	lbs / gal	AQMD default		3.39789337e-2
	Add	I New						
	« Ba	ck to Emission Source Process Reference						

9. Once back at the list of coatings repeat Steps 6 through 8 for all the different types of coatings used in that spray booth. If reporting emissions from a heated booth proceed to step 10 of these instructions.

					Work In	Progre	ss · Faci	lity ID: 999007	· south co	AST AIR QUAI	ITY MO	T DIST(SCAQMD)	· Reporting period: 20
7 F	Form dat	a is succ	essfully	saved.									
Bu	uild Re	porti	ng Str	ucture									
Emi	Emission Sources (ES) Classification											1	
Process	a Refere	ences										×	mission Source
Emissions	A/N	Permit No	Permit Device ID	Permit Device Description	AER Device ID	ES Name	ES Group Name	Source Category	Emissions?	Equipment	PERP	Release Location Linked	Profile" under the Jpload storage
Open	123456				ES4	Spray Booth 13		External Combustion, Spray Coating/Spray Booth	Y	Heater 10- 100 MMBTU/HR	N	NR	
	Pr	rocess ID		Source Group	,	Proc	ess/Ma	terial/Fuel Na	me	Status		Operation Type	
Ope	en	P1	Spray	Coating/Spray	Booth		Clea	ar Coating		Work in progress routine		routine	
Ope	en	P2	Spray	Coating/Spray	Booth		Colo	or Coating		Work in progre	ss	routine	
QQS	en	P3	Spray	Coating/Spray	Booth		Truck Bee	d Liner Coating	3	Work in progress routine		routine	
Ope	en	P4	Ext	ternal Combust	tion				1	Work in progre	55	routine	
Add P	Process	/Materi	ial/Fue	•								OK	
	Emissions	Emissions A/N Control Control	Form data is succ Build Reportin Emission Sources Process References Emissions A/N Permit 123456 Process ID Open P1 Open P3 Open P3 Open P4 Add Process/Mater	Form data is successfully Build Reporting Str Emission Sources (ES) Cla Process References Emissions A/N Permit Device 123456 Constant Process ID Process I	Form data is successfully saved.         Build Reporting Structure         Emission Sources (ES) Classification         Process References         I 23456       Permit Device Dev	Work In         Form data is successfully saved.         Build Reporting Structure         Emission Sources (ES) Classification         Process References         Emissions       A/N       Permit No       Permit Device Device       Permit Device Device       AFR Device Device         123456       1       1       ES4         Votem       P1       Spray Coating/Spray Booth Deen       P2         0pen       P4       External Combuston         Add Process/Materia/Fuel       []]	Work in Progrettion         Form data is successfully saved.         Build Reporting Structure         Emission Sources (ES) Classification         Process References         Emissions       A/N       Permit No       Permit Device Description       AER Device Device Description       AER Linit       ESA Spray Booth         Image: Device State       Source Group       Process ID       Source Group       Process ID         Open       P1       Spray Coating/Spray Booth       Open       P2       Spray Coating/Spray Booth       Open         Open       P4       External Combustion       Add Process/Materi/IFuel       Image: Device Spray Coating/Spray Booth       Open	Work In Progress - Factors         Form data is successfully saved.         Build Reporting Structure         Emission Sources (ES) Classification         Process References         Emissions       A/N       Permit No       Permit Device	Work In Progress · Facility ID: 999007         Form data is successfully saved.         Build Reporting Structure         Emission Sources (ES) Classification         Process References         Image: Structure Device Device Description       AES ES ES Source Category Extended         Extended to the Device Description       Spray Cating/Spray Booth       Classification         Process ID Source Group Process/Material/Fuel Name Clar Coating Spray Booth       Clar Coating Spray Booth         Open P1 Spray Coating/Spray Booth       Clar Coating Spray Booth         Clar Coating Spray Booth       Clar Coating Device Description         Device Description       Process/Material/Fuel Name Clar Coating Spray Booth         Classification P2 Spray Coating/Spray Booth       Clar Coating Spray Booth         Class Coating/Spray Booth       Clar Coating Device Description         Add Process/Material/Fuel	Work In Progress - Facility ID: 999007 - SOUTH CO         Form data is successfully saved.         Build Reporting Structure         Emission Sources (ES) Classification         Process References         Emissions A/N Permit Device Description       AER Device Description       ES       ES       Source Category Emissions?       Emissions?         Image: 123456       10       10       Device Description       Es4       Spray Conting/Spray Booth       External Combustion       Y         Process ID       Source Group       Process/Material/Fuel Name Device Color Coating       Y       Device Description       Process/Material/Fuel Name Device Color Coating       Y         Open       P1       Spray Coating/Spray Booth       Clear Coating       Truck Bed Liner Coating       Truck B	Work In Progress - Facility ID: 999007 - SOUTH COAST AIR QUAL         Form data is successfully saved.         Build Reporting Structure         Emission Sources (ES) Classification         Process References         Emission Sources (ES) Classification         Image: Permit Device Device Device Description ID Device Status       Source Category Emission? Equipment External Combustion, Spray Coating/Spray Booth         Process ID Source Group Process/Material/Fuel Name Clear Coating Work in progre Doem P1 Spray Coating/Spray Booth Color Coating Work in progre Doem P3 Spray Coating/Spray Booth Truck Bed Liner Coating Work in progre Doem P3 Spray Coating/Spray Booth Truck Bed Liner Coating Work in progre Doem P4 External Combustion       Work in progre         Add Process/Material/Fuel	Work In Progress - Facility ID: 999007 - SOUTH COAST AIR QUALITY MORE         Form data is successfully saved.         Build Reporting Structure         Emission Sources (ES) Classification         Process References         Emissions A/N Permit No       Device Device Description ID       Process (FS) Source Frage Structure         Emissions A/N Permit No       Device Device Description ID       Source Frage Structure       External Combustion, Spray Category Emissions? Equipment PERP ID         Image ID       123456       Image ID       ES4       Spray ID       External Combustion, Spray Dooth ID       Y       Heater 10- ID       N         Process ID       Source Group Process/Material/Fuel Name       Status       Open P2       Spray Coating/Spray Booth       Coating Work in progress         Open P2       Spray Coating/Spray Booth       Truck Bed Line Coating       Work in progress         Open P2       Spray Coating/Spray Booth       Truck Bed Line Coating       Work in progress         Open P2       Spray Coating/Spray Booth       Truck Bed Line Coating       Work in progress         <	Work In Progress - Facility ID: 999007 - SOUTH COAST AIR QUALITY MGT DIST(SCAQMD)         Form data is successfully saved.         Build Reporting Structure         Emission Sources (ES) Classification         Process References         **

Note: The following set of instructions pertains only to booths equipped with a gaspowered heater. If the facility has no spray booths that are heated with a natural gas heater, repeat steps 2-9 for other booths without following steps 10-14 10. To report emissions from a natural gas heater, the Fuel must be added first. From the main menu on the left click '3. Combustion Fuels' and click the orange 'Add New Fuel' button. The following menu will appear where you can select various fuel types used in the spray booth heater. Be sure to verify the correct fuel for your equipment. If there is more than one spray booth heater and they use different fuels, the other fuels should also be added during this step.

		Work In Prog	ress · Facility ID: 999007 · SOUTH COAST AIR	QUALITY MGT DIST(SCAQMD) · Reporting period: 202
acility ID: 999007	Combustion Fu	els Specification		
Facility Comments				
bbreviated Reporting . Facility Information . Status Update 3. Combustion Fuels	Summary: T f Instruction: C	This section informs the South Co acility. Click on "Add New Fuel" to specify Juring this reporting period. Do n	ast AQMD of the combustion fuels (fuel v all the combustion fuels (fuels being ot include fuels used exclusively in veh	s being burned) that were used in the burned) that were used in the facility icles.
. Emission Sources (ES)	1			
. Report Process/Emissions	Add New Fuel	0		
Additional Toxic		· ·		
ubstances Production and Isage	Action	Fuel Name	Qualifies for Abbreviated Reporting	Comment
Perform Data Validation				
. Review Summaries				
. Print Facility Report				
0. Report Submission				

Facility ID: 999007	Edit Combustion Eucl Dat	Work In Progress · Facility ID: 999007 · SOUTH COAST AIR QUALITY MGT DIST(SCAQMD) · Reporting period: 2024
Facility Comments	Eult Compustion Fuel Dat	1
Abbreviated Reporting	Fuel	· · ·
1. Facility Information 2. Status Update	Comment	Kerosene  BioDiesel
3. Combustion Fuels		Wood
4. Emission Sources (ES)	Save or Cancel	Tires
5. Report Process/Emissions		Coke
Substances Production and		Jet Naphtha (Jet B)
Usage		Jet A
7. Perform Data Validation		Refinery Gas/Refinery Mixed Gas
9. Print Facility Report		Residual Fuel Oil No. 6
10. Report Submission		Digester Gas (Biogas)
		Landfill Gas (Biogas)
	AQMD we	Aviation Gasoline
		Gasoline
		Distillate Fuel Oil No. 4
		Distillate Fuel Oil No. 2 (Diesel)
		Distillate Fuel Oil No. 1
		Propane
		Butane
		LPG
		Natural Gas

11. The user can then open the processes from the '5. Report Processes/Emissions' option on the left-hand menu of the page and navigate to the 'External Combustion' category. If the facility has multiple heated booths there will be a process listing for each of them. Click the blue 'Open' text next to the AER Device ID that is being reported.

-acility ID: 999007	Exte	rnal Comb	oustion							
Facility Comments	Pleas	e provide spe	ecific inform	nation for	every proc	ess associ	ated with your externa	al combustion Emission S	ources includi	ing usage,
	emiss	sion factor an	nd control e	efficiency	(if any). Co	mbustion	fuels must be selecte	ed on the combustion fu	iels page (see	3.
1. Facility Information	Com	oustion Fuels	s link in the	e menu oi	n the left-s	ide) befor	e entering data on th	is page. Detail instruction	ons are availat	ble by
2. Status Update	clicki	ing on Help ic	con in the t	ool bar.						
3. Combustion Fuels			Dementin							
Emission Sources (ES)		previated	Reportin	g						
5. Report Process/Emissions	As par	in combination	of equipme	nt code and you Must of	d fuel source	Default Em	ality you from Abbreviate	d Reporting.		
Combustion	If you	select anythin	ng other thar	AQMD Def	ault Emission	Factors yo	u will be disqualified from	m Abbreviated Reporting.		
External Combustion	Click	<u>here</u> to find out	t more detail	s about Abb	reviated Rep	orting and it	s possible benefits.			
Internal Combustion										
Use of organics	Exte	rnal Camb	ustion D		List Over					
Use of organics Spray Coating/Spray	Exte	rnal Comb	oustion P	rocess	List Ove	rview			ſ	
Use of organics Spray Coating/Spray Booth Other Use of Organics	Exte Add	rnal Comb	oustion P	rocess	List Ove	rview			[	Print Preview
Use of organics Spray Coating/Spray Booth Other Use of Organics Storage Tanks	Exte Add	rnal Comb	Des Permit	Process		status	Equipment	Fuel	Fuel Usage	Print Preview
Use of organics Spray Coating/Spray Booth Other Use of Organics Storage Tanks Fugitive Components	Exte Add	rnal Comb New Process to AER Device ID	Des Device ID	A/N	List Over	Status Work in	Equipment	Fuel	Fuel Usage	Print Preview
Use of organics Spray Coating/Spray Booth Other Use of Organics Storage Tanks Fugitive Components Other Processes	Exte Add I	rnal Comb New Process to AER Device ID ESZ	Permit Device ID	A/N 112233	Process ID P1	Status Work in Progress	Equipment Heater 10-100 MMBTU/HR	Fuel	Fuel Usage	Print Preview Units
Use of organics Spray Coating/Spray Booth Other Use of Organics Storage Tanks Fugitive Components Other Processes Process Upset	Exte Add Ωpen Ωpen	AER Device ID ES7 ES4	Permit Device ID	A/N 112233 123456	Process ID P1 P4	Status Status Work in Progress	Equipment Heater 10-100 MMBTUIHR Heater 10-100 MMBTUIHR	Fuel	Fuel Usage	Print Preview Units
Use of organics Spray Coating/Spray Booth Other Use of Organics Storage Tanks Fugitive Components Other Processes Process Upset . Additional Toxic Ustrance Reoduction and	Exte Add Open Qpen	AER Device ID ESZ ES4	Destion P Desting Device ID	A/N 112233 123456	Process ID P1 P4	Status Vork in Progress Work in Progress	Equipment Heater 10-100 MMBTUIHR Heater 10-100 MMBTUIHR	Fuel	Fuel Usage	Print Preview
Use of organics Spray Coating/Spray Booth Other Use of Organics Storage Tanks Fugitive Components Other Processes Process Upset Additional Toxic ubstances Production and Isage	Exte Add Ωpen Ωpen	AER Device ID       ES7       ES4	Permit Device ID	A/N 112233 123456	Process ID P1 P4	Status Vork in Progress	Equipment Heater 10-100 MMBTUIHR Heater 10-100 MMBTUIHR	Fuel Search:	Fuel Usage	Print Preview Units
Use of organics Spray Coating/Spray Booth Other Use of Organics Storage Tanks Fugitive Components Other Processes Process Upset Additional Toxic ubstances Production and Isage Perform Data Validation	Exte Add Open	rnal Comb New Process to AER Device ID ESZ ES4	Permit Device ID	A/N 112233 123456	Process ID P1 P4	Status Vork in Progress Work in Progress	Equipment Heater 10-100 MMBTUIHR Heater 10-100 MMBTUIHR	Fuel Search:	Fuel Usage	Print Preview Units
Use of organics Spray Coating/Spray Booth Other Use of Organics Storage Tanks Fugitive Components Other Processes Process Upset Additional Toxic Ustances Production and Isage - Perform Data Validation - Review Summaries	Exte Add Qpen	AER Device ID ES7 ES4	Permit Device ID	A/N 112233 123456	Process ID P1 P4	Status Vork in Progress Work in Progress	Equipment Heater 10-100 MMBTU/HR Heater 10-100 MMBTU/HR	Fuel Search:	Fuel Usage	Print Preview Units
Use of organics Spray Coating/Spray Booth Other Use of Organics Storage Tanks Fugitive Components Other Processes Process Upset Additional Toxic ubstances Production and Isage . Perform Data Validation Review Summaries . Print Facility Report	Exte Add Qpen	rnal Comb New Process to AER Device ID ESZ ES4	Permit Device ID	A/N 112233 123456	Process ID P1 P4	Status Work in Progress	Equipment Heater 10-100 MMBTU/HR Heater 10-100 MMBTU/HR	Fuel Search:	Fuel Usage C	Print Preview

12. The following page will open. Click the 'Open' link under Step 1: Process and fill out all required information as denoted by the red asterisks next to the fields. This will include the fuel and the applicable rule Number. The applicable rule is Rule 1147. Click on the orange Save button once all relevant information has been entered. A dialog box will pop up informing you that Default EFs have been assigned, click the orange OK button to dismiss this dialog box.

2007 - Back	Back to Emission Source Process Reference											
Exter	nal Combustio	on	-									
Please emissi Combu clickin	provide specific i on factor and con ustion Fuels link i g on Help icon in	information for of trol efficiency (i in the menu on the tool bar.	every process as f any). Combus the left-side) b	ssociated with tion fuels mu efore entering	n your exten ist be select ng data on	rnal combustion Emission cted on the combustion f this page. Detail instruct	Sources includ fuels page (see ions are availa	ing usa 3. ble by	ge,			
Abbr Certain As part If you s Click he	Abbreviated Reporting Certain combination of equipment code and fuel source may disqualify you from Abbreviated Reporting. As part of Abbreviated Reporting, you Must only use AQMD Default Emission Factors. If you select anything other than AQMD Default Emission Factors you will be disqualified from Abbreviated Reporting. Click here for find out more details about Abbreviate Reporting and its possible benefits.											
Step 1:	Step 1: Process											
	AER Device ID	Permit Device II	A/N	Process ID	Rule #	Equipment	PERP	Fuel	sco			
Open	57		112233	P1		Heater 10-100 MMBTU/HI Cli	R No ck here to <u>delete</u>	this pro	cess.			
Step 2:	57 Throughput	Annual Throughput	112233	P1		Heater 10-100 MMBTU/HI Cli Criteria/Toxic Throughpu	R No ck here to <u>delete</u> it	this pro-	cess.			
Open 1 Step 2: nd Open 3 Step 3:	57 Throughput Criteria Emission	Annual Throughput s (lbs)	112233	P1		Heater 10-100 MMBTU/HI Cli Criteria/Toxic Throughpu Use Defaul	R No ck here to <u>delete</u> it <u>t Emission Factor</u>	this pro-	cess.			
Step 2: Open Step 3:	57 Throughput Criteria Emission Pollutant	Annual Throughput s (lbs) EF	Unit	P1	EF Dat	Heater 10-100 MMBTU/HI Cli Criterla/Toxic Throughpu Use <u>Defaul</u> a Source	R No ck here to <u>delete</u> at <u>t Emission Factor</u> Emissio	this pro-	cess.			
Step 2: Open Step 3: Open	57 Throughput Criteria Emission Pollutant Voc	Annual Throughput s (lbs) EF	112233 Unit Ibs /	P1	EF Dat	Heater 10-100 MMBTU/HI Cli Criteria/Toxic Throughpu Use <u>Defaul</u> a Source	R No ck here to <u>delete</u> at <u>t Emission Factor</u> Emissio	this prov	able.			
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acility ID: 000007	<b>F</b> (	1.0												
acitity 10. 999007	Externa	il Combus	tion											
acility Comments	Please pr	ovide specif	ic informati	on for ev	ery proces	s assoc	iated with your ex	ternal o	ombu	ustio	n Emission Sour	ces includ	ling usa	ige,
breviated Reporting Facility Information Status Update	emission Combust clicking o	factor and c ion Fuels lin on Help icon	ontrol effic ik in the me in the tool I	ency (if enu on th bar.	any). Com ne left-sid	bustion e) befo	n fuels must be se re entering data	lected on this	on th page.	e co Det	mbustion fuels ail instructions	page (see are availa	e 3. ble by	
Combustion Fuels	Abbre	Abbreviated Reporting												
Emission Sources (ES)	Certain o	Edit Emiss	ion Process	- Extern	nal Combu	stion				×				
Combustion	As part o If you se	AER Device ID	Permit Devic ID	e A/N	Process ID	Rule #	Equipment	PERP	Fuel	SCC	Reporting.			
External Combustion	Click hen	ES4		111111	P5		Heater 10-100 MMBTU/HR	No						
lse of organics	Step 1: P	AER Device I	D ES4		AER Devic	e Name	HEAT Rounds Au	thorized	l l		Optio			
Spray Coating/Spray		PERMITTED	AN:	111111	Permit De	vice ID								
Booth		Process ID	P5		Process N	ame					pment	PERP	Fuel	SC
Other Use of Organics	Open ES4	Deserve Com									DO MMBTU/HR	No		
		Process com	ment								Click he	re to <u>delete</u>	this pro	aces
	Step 2. T	SCC												
	Step 21 1	Fuel	Natural Gas	<b>v</b> 3										
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dditional loxic	Open	Equipment	Heater 10-:	00 MMB	TU/HR			~						
ge														
erform Data Validation	Step 3: C						Sav		ancel		Use <u>Default Emi</u>	sion Factor	s if avail	labl
eview Summaries	l								anne en	_	J	Parton		
rint Facility Report		Pollutant		C.P	Unit		EF	Data Sour	ce			Emissio	ins	
Report Submission	Open	NOV			lbs /									
	Open	SOx			lbs /									
	Open	CO			lbs /									
	Open	PM			lbr /									

13. Click the Open link under 'Step 2: Throughput' and fill out all required information as denoted by the red asterisks next to the fields. This will include the throughput, unit, and how the throughput measurement was acquired or recorded. Enter this as your throughput and select 'Product or raw material records e.g. receipts/invoices/bills' as your throughput origin. Click on the orange Save button once all relevant information has been entered.

007 - 5								
Ext	ernal Combusti	ion						
n Ple clic	ase provide specific ission factor and co <b>nbustion Fuels link</b> king on Help icon ir	information for even ntrol efficiency (if a in the menu on the n the tool bar.	ery process as any). Combus ne left-side) b	sociated with tion fuels mu efore enterin	n your exten ist be selecting data on	rnal combustion Emission Sou cted on the combustion fuel this page. Detail instructions	rces includ s page (see s are availa	ling usa a 3. ble by
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ay Step	1: Process					Optio	onal: Mark a	s Comp
ay Step	1: Process AER Device ID	Permit Device ID	A/N	Process ID	Rule #	Optie	onal: Mark a	s Comp Fuel
nics	1: Process AER Device ID ES7	Permit Device ID	A/N 112233	Process ID P1	Rule #	Optio Equipment Heater 10-100 MMBTU/HR	onal: Mark as PERP No	s Comp Fuel
nics S	1: Process AER Device ID ES7	Permit Device ID	A/N 112233	Process ID P1	Rule #	Cptic Equipment Heater 10-100 MMBTU/HR Click hr	onal: Mark a PERP No ere to <u>delete</u>	Fuel this pro
ay Step nics s	1: Process AER Device ID ES7	Permit Device ID	A/N 112233	Process ID P1	Rule #	Equipment Heater 10-100 MMBTU/HR Click hr	onal: Mark a PERP No ere to <u>delete</u>	Fuel this pro
ay Step nics s Step	1: Process AER Device ID ES7 2: Throughput	Permit Device ID	A/N 112233	Process ID P1	Rule #	Cptin Equipment Heater 10-100 MMBTU/HR Click h	onal: Mark as PERP No ere to <u>delete</u>	Fuel this pro
ay Step nics Oper s Step	1: Process AER Device ID 557 2: Throughput	Permit Device ID	A/N 112233	Process ID P1	Rule #	Cptin Equipment Heater 10-100 MMBTU/HR Click he Criteria/Toxic Throughput	onal: Mark as PERP No ere to <u>delete</u>	Fuel this pro
ray Step nics Oper s Step n and Oper	1: Process AER Device ID 557 2: Throughput	Permit Device ID Annual Throughput	A/N 112233	Process ID P1	Rule #	Cptie Equipment Heater 10-100 MMSTU/HR Click hr Criteria/Toxic Throughput	PERP PERP No ere to <u>delete</u>	s Comp Fuel this pre
ay Step nics Oper s Step n and Oper ation	1: Process AER Device ID ES7 2: Throughput	Permit Device ID Annual Throughput	A/N 112233	Process ID P1	Rule #	Cptit Equipment Heater 10-100 MMBTU/HR Click h Criteria/Toxic Throughput	PERP PERP No ere to <u>delete</u>	Fuel
ay Step nics Oper s Step ation Step	1: Process AER Device ID 557 2: Throughput 3: Criteria Emissio	Permit Device ID Annual Throughput ns (lbs)	A/N 112233	Process ID P1	Rule #	Criteria/Toxic Throughput Use <u>Default Em</u>	PERP No ere to <u>delete</u>	Fuel this pro
ay Step nics Quer s Step n and Quer nt	1: Process AER Device ID ES7 2: Throughput 3: Criteria Emissio	Permit Device ID Annual Throughput ns (Ibs)	A/N 112233	Process ID P1	Rule #	Cptik Equipment Heater 10-100 MMBTU/HR Click hr Criteria/Toxic Throughput Use <u>Default Em</u>	PERP No ere to <u>delete</u> ission Factor	Fuel this pro
ay Step nics Oper s Step n and Oper ation Step rt	1: Process AER Device ID ES7 2: Throughput 3: Criteria Emissio Pollutant	Permit Device ID Annual Throughput ns (lbs) EF	A/N 112233 Unit	Process ID P1	Rule #	Cptit Equipment Heater 10-100 MMSTU/HR Click hr Criteria/Toxic Throughput Use <u>Default Em</u> a Source	PERP No ere to <u>delete</u> ission Factor Emissio	s Comp Fuel this pro

acility ID: 999007	Extern	al Combustion					
acility Comments	Please n	provide specific info	rmation for every process associa	ted with vo	ur external combustion Emi	ission Source	es including usage
bbreviated Reporting Facility Information Status Update	emission Combus clicking	factor and control stion Fuels link in the	efficiency (if any). Combustion the menu on the left-side) before tool bar.	entering o	be selected on the combus data on this page. Detail in:	tion fuels p structions a	age (see 3. re available by
Combustion Fuels Emission Sources (ES) Report Process/Emissions	Abbre Certain o As part o	eviated Reporti combination of equipm of Abbreviated Reporting	ng ent code and fuel source may disqual g, you Must only use AQMD Default Emis	ify you from sion Factors.	Abbreviated Reporting.		
External Combustion	Edit T	hroughput Inform	ation - External Combustion			×	
Internal Combustion	AER Dev	vice ID Permit Device	ID A/N Process ID Rule #	Equipme	nt PERP Fuel S	CC	
Use of organics	S ES4		111111 P5 1147 He	ater 10-100 M	IMBTU/HR No Natural Gas	Optiona	
Spray Coating/Spray							
Booth	Fuel U	Jsage (Annual Throughput	10,000.0000000 *	therms	v *	PERP	Fuel S
Other Use of Organics	These	abaut Tune	Input X *			No	Natural Gas
Storage Tanks	mouj	giiput iype	D. L. L. L. L. L. L.			lick here	to delete this proces
Fugitive Components	Throug	ghput Origin	Product or raw material recor	as e.g. rece	ipts/invoices/bills •		
	Fuel U	Jsage Comment					
Process Upset						put	
Additional Toxic					Save Cancel	Put	
bstances Production and							
Decform Data Validation	Step 3: C	riteria Emissions (I	bs)		Use	Default Emissi	on Factors if availabl
Perform Data validation							
Delet Excility Report		Pollutant	EF	Unit	EF Data Source		Emissions
Print Pacinty Report	Open	VOC	7.0000000e+0	lbs /	AQMD default		
. Report Submission	Open	NOx	1.3000000e+2	lbs /	AQMD default		
	Open	SOx	6.0000000e-1	lbs /	AQMD default		
	Onen	00	3.5000000e+1	lbs /	AQMD default		
	<b>NHED</b>	00					

14. The AER WebTool will automatically calculate both criteria and toxic pollutant emissions based on your throughput entered previously. Once completed with this spray booth heater you can select another following the same process from step 11 and repeat the process for all heaters.

#### Reporting Emissions from Spray cleaning equipment and solvent use

1. Facilities must report their usage of solvents used in the cleaning of spray guns and other equipment. This use of solvents is unpermitted and thus will not be automatically added to the tool. Only one device will need to be added to cover the usage of all solvents, regardless of the number of booths used at a facility. Users can do this through the '4. Emission Sources' page and clicking the orange 'Add New Emission Source' button.

	Work In Progress · Facility ID: 999007 · SOUTH COAST AIR QUALITY MGT DIST(SCAQMD) · Reporting period: 2024
Facility ID: 999007	Build Reporting Structure
Facility Comments	Emission Sources (ES) Classification
Abbreviated Reporting 1. Facility Information 2. Status Update 3. Combustion Fuels 4. Emission Sources (ES) 5. Report Process/Emissions 6. Additional Taxia	Summary:       This section contains facility permit profile. Please make sure that every device has a specified Emission Source (ES). New emission sources can also be added.         Instruction:       Add Devices (emission sources) by clicking "Add New Emission Source". Edit devices by clicking "Profile" under the Emission Source (ES) Column. Add emission data by clicking "Open" under the Emissions column. Upload storage tank data by clicking on link "Click here" below.
5. Additional role Substances Production and Usage 7. Perform Data Validation 8. Review Summaries 9. Print Facility Report 10. Report Submission	Abbreviated Reporting Starting in Reporting Year 2022 some facilities can qualify for Abbreviated Reporting Your eligibility to file Abbreviated Report depends in part on the types of Emission Sources used at your Facility. Click <u>here</u> to find out more details about Abbreviated Reporting and its possible benefits. Storage Tank Emissions Batch File Import - <u>Click here</u> for more instructions.
	Add New Emission Source
	Displaying 1 emission sources.
	A/N Permit NO
	Search Emission Sources
	Search: Print Preview
	Emission Source Emissions A/N Permit NO Permit Device ID Description ID Normal Status (ES) Name Croup Category Name Category Cate
	Profile         Open         111111         Heated booth Test         ESK         HEAT Rounds Authorized         External Combustion, Casing/Spray Booth         Heater 10- 100 MMBTU/HR         N         NR         Work in progress
	Showing 1 to 1 of 1 entries 🔹 Previous Next 🕨

2. Fill out all required information as denoted by the red asterisk next to the field. Required fields including ES Name (the user should enter the name used at the facility for the device for easy reference, e.g., Gun Cleaner), and then select the Operating ES Status from the drop-down menu.

		Work In Progress - Facility ID: 999007 - SOUTH COAST AIR QUALITY MGT DIST(SCAQMD) - Reporting period: 2024						
Facility ID: 999007								
Facility Comments	Edit Emission Source							
Abbreviated Reporting 1. Facility Information 2. Status Update 3. Combustion Fuels	Instruction: Add new emissions sources using information found on permits, manufacturers specifications, or identifying placards. Select the Operating ES Status that best reflect the device's operation for this reporting period. All areas with a Red Asterisk (*) must be addressed. Note: Some devices have been pre-populated, verify that the information is correct							
4. Emission Sources (ES) 5. Report Process/Emissions 6. Additional Toxic Substances Production and Usage 7. Perform Data Validation	Abbreviated Reporting Starting in Reporting Year 2022 some facilities can qualify for Abbreviated Reporting Your eligibility to file Abbreviated Report depends in part on the types of Emission Sources used at your Facility. Click <u>here</u> to find out more details about Abbreviated Reporting and its possible benefits.							
B. Review Summaries	Permitted							
9. Print Facility Report	A/N							
10. Report Submission	PERP Equipment(CARB's Portable Equipment Registration Program)							
	Permit No							
	Permit Device ID							
	Permit Equipment Description							
	AER Device ID	will be assigned upon saving						
	ES Name	Cleaning Solvents *						
	Operating ES Status	Normal Operation						
	Comment							
	Emission Source Category	Categorize Emission Source						
	Design Capacity	0						

3. Next, click on the orange Categorize Emission Source button. The pop-up window shown in the image below will appear. Select "Click Here" in Item '4. Other Use of Organics', then check the box for "Other Evaporative Sources". Then click the orange save button at the bottom of the dialog box.

		Work In Program, Encivity ID, 990007, COUTH COAST AIR OLD	LITY MGT DIST(SCAOMD) - Perperting period: 2024						
Facility ID:	999007	WORK IN Progress - Facility ID: 999007 - 500111 COAST AIR QUA	LITT MOT DIST(SCAQMD) · Reporting period: 2024						
Facility Comme	nts	Edit Emission Source							
Abbreviated Ren	orting	Instruction: Add new emissions sources using information found on permits, manufactur	ers specifications, or identifying						
1. Facility Inform		placards. Select the Operating ES Status that best reflect the device's oper	All areas						
2. Status Update	Categorize		*						
4. Emission Sour	All Emission Source with this icon \Lambda qualify for AER Abbreviated Reporting								
5. Report Proce	Click <u>here</u> to	Click here to find out more details about Abbreviated Reporting and its possible benefits.							
6. Additional To Substances Proc Usage	1. Extern followi	<ol> <li>External Combustion Equipment (e.g., boiler, dryer, oven, furnace, heater, afterburner, flare, kiln or incinerator) <u>click here</u> to select one the following Equipment:</li> </ol>							
7. Perform Data 8. Review Sumn	2. Interna followi	<ol> <li>Internal Combustion Equipment (e.g., internal combustion engine (excluding vehicles), turbine or micro turbine) <u>click here</u> to select one of the following Equipment:</li> </ol>							
9. Print Facility 10. Report Subr	3. Spray	y Coating/Spray Booth (e.g., coatings, solvents, adhesives, etc.) <u>click here</u> to select one of the following Equi	pment:						
	4. Other followi	r Use of Organics (e.g., coatings, solvents, inks, adhesives, etc.) except in Spray Coating/Spray Boot <mark>, click l</mark> ving Equipment:	nere to select one of the						
		Degreaser 🗌 Printing							
	Co	Coating (Flow / Dip / Roll / Hand Application)							
	5. Liquid	d Storage Tank (e.g. Underground, Aboveground, Small Tanks, Dispensing Systems) <u>click here</u> to select one o	of the following Equipment:						
	6. Fugitiv	ive Components (Emission Leaks from Process Components per Rule 462, 1173 and 1176), <u>click here</u> to sele	ct all applicable Equipment:						
	7 Other	Processes (does not fit in any of the groups mentioned above) click click here to mark "Other Process Equil	oment":						
			Save Cancel						
		Emission Source Category Categorize Emission Source							
		Design Capacity 0							

4. Once the source is categorized you can click the orange 'Save and Return to List of Emission Sources' button to return to the previous Emission Source page or click the 'Save and Proceed to Process Reporting' button to continue to emissions reporting for this device. For this example, user should click on 'Save and Proceed to Process Reporting' button.

Facility ID: 999007 Facility Comments	Edit Emission Source	Work In Progress · Facility ID: 999007 · SOUTH COAST AIR QUALITY MGT DIST(SCAQMD) · Reporting period: 2024							
Abbreviated Reporting 1. Facility Information 2. Status Update 3. Combustion Fuels	Instruction: Add new emissions sources using information found on permits, manufacturers specifications, or identifying placards. Select the Operating ES Status that best reflect the device's operation for this reporting period. All areas with a Red Asterisk (*) must be addressed. Note: Some devices have been pre-populated, verify that the information is correct								
4. Emission Sources (ES) 5. Report Process/Emissions 6. Additional Toxic Substances Production and Usage 7. Perform Data Validation	Abbreviated Repor Starting in Reporting Year 202 Your eligibility to file Abbrev Click <u>here</u> to find out more de	Abbreviated Reporting Starting in Reporting Year 2022 some facilities can qualify for Abbreviated Reporting Your eligbility to file Abbreviated Report depends in part on the types of Emission Sources used at your Facility. Click <u>here</u> to find out more details about Abbreviated Reporting and its possible benefits.							
8. Review Summaries	Permitted								
9. Print Facility Report	A/N								
10. Report Submission	PERP Equipment(CARB's Portable Equipment Registration Program)								
	Permit No								
	Permit Device ID								
	Permit Equipment Description								
	AER Device ID	will be assigned upon saving							
	ES Name	Cleaning Solvents *							
	Operating ES Status	Normal Operation							
	Comment	6							
	Emission Source Category	Other Use of Organics Categorize Emission Source							
	Design Capacity	0 ~							
	Save or Save and ret	urn to List of Emission Sources or ess Reporting or <u>Cancel</u>							

5. The following window will then pop-up showing processes for solvents. Click the blue Open link next to the 'Other Use of Organics' option in the table. The user can also open the processes from the '5. Report Processes/Emissions' page on the left-hand menu of the page and navigating to the 'Other Use of Organics' category.

cility ID: 000007						Work Ir	Progress	Facility	/ ID: 99900	7 · SOUTH CC	DAST AIR QUAI	ITY MO	T DIST(SCAQMD)	· Reporting period: 2
CIULY ID: 999007	F	orm d	ata is suc	cessfully	saved.									
cility Comments														
breviated Reporting	Bu	ild R	eport	ing Sti	ructure									
Facility Information Status Update	Emi	ssion	Sources	s (ES) Cl	assificatior	1								
Combustion Fuels Emission Sources (ES)	Su	ımma	ry: Th	is sectio	on contains	facility	permit p	rofile.	Please m	ake sure th	nat every de	vice h	as a specified I	Emission Source
leport Process/Emissic	Process	Refe	rences										×	
dditional Toxic stances Production an														Ipload storage
Perform Data Validation Review Summaries	missions	A/N	Permit No	Permit Device ID	Permit Device Description	AER Device ID	ES Name	ES Group Name	Source Category	Emissions?	Equipment	PERP	Release Location Linked	
rint Facility Report Report Submission	<u>Open</u>					ES5	Cleaning Solvents		Other Use of Organics	Y	Other evaporative sources	N	NR	
	_		Process I	D	Source Grou	р	Proces	s/Mater	ial/Fuel Na	me	Status	(	Operation Type	
	Ope	n –	P1	Ot	her Use of Orga	anics					Work in progre	SS	routine	
	Add P	roces	s/Mate	rial/Fu	1 0									
_														
													ок	
	Di	snlavi	na 2 amis	sion sour	1705	-		-						,

		Work In	Progress	• Facility ID: 9	999007 · SOU	TH COAST AIR QUALITY MGT D	IST(SCAQMD) · Reporting perio	od: 2024
Facility ID: 999007	« Back to Emission Source							
Facility Comments	Other Use of Organ	nics						
Abbreviated Reporting 1. Facility Information 2. Status Update	Please provide specific booth) including usage, units before reporting	information for eve emission factor, an emissions. Detailed	ery proc id contr d instru	ess associate ol efficiency ctions are av	d with the (if any). Ye ailable by	other use of organics (exc ou must select Material/A clicking on Help icon in th	cept in spray coating/spra Activity Code and through e tool bar.	ny nput
Combustion Fuels     Emission Sources (ES)     S. Report Process/Emission:     Combustion     External Combustion     Internal Combustion	Abbreviated Repo Certain combination of eq As part of Abbreviated Repo If you select anything othe Click here to find out more	orting uipment code and fue orting, you Must only us or than AQMD Default details about Abbrevia	l source se AQMD Emission ited Repo	may disqualify Default Emissic Factors you w rting and its po	y you from A on Factors. rill be disqua ossible benef	bbreviated Reporting. Alified from Abbreviated Repo fits.	orting.	
Use of organics	Step 1: Process						Optional: Mark as Com	pleted
Spray Coating/Spray Booth Other Use of Organics	AER Device ID	Permit Device ID	A/N	Process ID	Rule #	Material/Activity Code	Material Description	SCC
Storage Tanks Fugitive Components	MARINE COS						Click here to <u>delete</u> this p	process.
Other Processes	Step 2: Throughput							
Process Upset 6. Additional Toxic				An	inual Through	put		
Substances Production and Usage	Open							
7 Derform Data Validation	Sten 3. Criteria Emission	e (lhe)						

6. The following page will open. Click the 'Open' link under Step 1: Process and fill out all required information as denoted by the red asterisks next to the fields. Users should enter the information shown in the below screenshot into the Major Group, Type of Operation, Application Method, and Type of Material fields. Users should also enter the name of their facility's cleaning solvents into the material description and 'Process Name' fields. Once done click save to exit out of the window.

-: lite . ID. 000007			WORK IN Prog	ress · racility iD	999007 - 5001	I COAST AIR QU	ALTERIOTORISTICS	cridino) neborenig ber	100. 20
citity ID: 999007	Back to Emission Source	Process Rel	erence						
ility Comments	Other Use of Organ	nics							
reviated Reporting acility Information tatus Update	Please provide specific booth) including usage, units before reporting	information emission fa emissions.	n for every p actor, and co . Detailed ins	rocess associa ontrol efficient structions are	ted with the y (if any). Yo available by c	other use of o ou must select licking on Hel	rganics (except Material/Activ p icon in the to	in spray coating/spr rity Code and throug ol bar.	ay ghput
ombustion Fuels mission Sources (ES) Report Process/Emissions ombustion External Combustion	Abbreviated Repo Certain combination of eq As part of Abbreviated Repo If you select anything othe Click <u>here</u> to find out more	orting uipment cod orting, you Mi er than AQME details about	<mark>le and fuel sou</mark> ust only use AC O Default Emis t Abbreviated I	Ince may disqual MD Default Emis Sion Factors you Reporting and its	<b>fy you from Ab</b> sion Factors. will be disqual possible benefi	obreviated Repo ified from Abbro	<mark>rting.</mark> eviated Reporting	i.	
se of organics	Step 1: Process							Optional: Mark as Cor	npleteo
Booth Other Use of Organics	AER Device ID	Permit De	evice ID A	/N Process ID P1	Rule #	Material/Activ	vity Code	Material Description	sc
orage Tanks							c	lick here to delete this	proces
gitive Components her Processes	Step 2: Throughput								
cess Upset					Annual Throughp	ut			
tances Production and	Open								
e rform Data Validation	Step 3: Criteria Emission	is (lbs)							
eview Summaries int Facility Report	Pollutant	EF	Unit	EF	Data Source		Overall CE	Emissions	5
Report Submission	Add New								
	Step 4: Toxic (TAC/ODC)	Emissions	(lbs)						
	TAC/ODC Gro	up	CAS #	EF Unit	EFI	Data Source	Overal	I CE Emissi	ons
	Add New	-P							
									_

AER Device ID	Permit Device ID	A/N	Proc	ess )	Rule #	Materi	al/Activity Code	Material Description	SCO
S5			P	1	1171	Solvents:So Operations: and Mainten	lvent Cleaning Wipe Cleaning:Repair ance Cleaning	3M High Power Spray Gun Cleaner	
AER De	vice ID		ES5	AE	R Devic	e Name	Cleaning Solven	ts	
NON-PE	RMITTED			Per	mit De	vice ID			
Process	ID		P1	Pro	cess N	ame			
Process	Comment								
SCC									
Equipm	ent	Ot	her ev	apo	rative	sources			$\sim$
Materia	I / Activity	_							
Major G	Group:	So	lvents						~
Type of	Operation:	So	lvent	Clea	ning (	Operations			~
Applica	tion Method	Wi	pe Cle	anir	ng				~
Type of	Material:	Re	pair a	nd M	1ainte	nance Clea	ning		~
Materia	l Descriptio	3M	High	Pow	er Sp	ray Gun Cle	eaner *		
	nal Rules	Add	кие						-

7. Click the Open link under 'Step 2: Throughput' and fill out all required information as denoted by the red asterisks next to the fields. This will include the throughput, unit, and how the throughput measurement was acquired or recorded.

					Work	In Dro	Trees - Excility ID: 000007 - SOUTH COAST AL		Penerting period	2024
Eacility ID: 000007	" Bar	k to Emissio	n Source Proc	nee P	work	in Proj	ress - Facility ID: 999007 - SOUTH COAST AIR	(QUALITY MOT DIST(SCAQMD) .	Reporting period.	2024
	Othe			255 N	ererence					
Facility Comments	Othe	er use of	Organics							_
Abbreviated Reporting 1. Facility Information 2. Status Update	Pleas bootl units	e provide s h) including <b>before re</b>	pecific inform gusage, emis porting emis	mati sion <b>sion</b>	on for e factor, a <b>s.</b> Detail	very p and co led in	process associated with the other use of portrol efficiency (if any). You must se structions are available by clicking on	of organics (except in spray lect Material/Activity Cod Help icon in the tool bar.	y coating/spray e and throughp	ut
3. Combustion Fuels 4. Emission Sources (ES) 5. Report Process/Emissions Combustion External Combustion	Abb Certa As par If you Click	in combination in com	d Reportin on of equipme ated Reporting, hing other than out more detail	nt co you n AQ/ s abo	ode and fi Must only MD Defaul out Abbrev	uel sou use A0 It Emis /iated	rce may disqualify you from Abbreviated R MD Default Emission Factors. sion Factors you will be disqualified from A Reporting and its possible benefits.	leporting. bbreviated Reporting.		
Internal Combustion										
Use of organics	Step 1	: Process						Optiona	al: Mark as Comple	eted
Spray Coating/Spray					-					
Other Use of Organics		ID	ID	A/N	Process ID	Rule #	Material/Activity	Code	Description	SCC
Storage Tanks Eugitive Components	<u>Open</u>	ES5			P1	1171	Solvents:Solvent Cleaning Operations:Wipe Cleaning	ning:Repair and Maintenance	Spray Gun Cleaner	
Other Processes								Click here	to <u>delete</u> this prod	cess.
Process Upset	Step 2		out							
6. Additional Toxic	Step 2	. mough	Juc							
Substances Production and							Annual Throughput			
7. Perform Data Validation	<u>Open</u>									
8. Review Summaries	Stop 2	· Critoria I	missions (lb	c)						
9. Print Facility Report	step s	. Criteria i		5)						
10. Report Submission		Pollu	tant	EF	Uni	it	EF Data Source	Overall CE	Emissions	
	Add	New								

AER Device ID	Permit Device ID	A/N	Process ID	Rule #	Material/Activity Code	Material Description	SCO
ES5			P1	1171	Solvents:Solvent Cleaning Operations:Wipe Cleaning:Repair and Maintenance Cleaning	Spray Gun Cleaner	
					Annual Throughput		
					55.0000000 gal		
Usage (A	nnual Through	put)	55.000	00000	* gal 🗸 *		
Throughp	out Type		Input	<b>*</b>			
Throughp	out Origin		Produc	t or ra	w material records e.g. receipts/invoice	s/bills ∽	
Usage Co	mment						

8. Default emission factors are not available for solvents and must be entered based on information from the packaging, SDS, technical sheet, or the Rule limit. Select the orange 'Add New' button under 'Step 3: Criteria Emissions' then from the pollutant drop down select 'VOC' and under the 'Emission Factor (EF)' header enter your cleaning solvents VOC according to the SDS. Users should select 'Manufacturer Specification' as their data source then press Save when done.

	_				Work	In Prog	gress · Facility ID: 999007 · SOUTH COAST	AIR QUALITY MGT DIST(SCAQMD)	Reporting period:	2024
acility ID: 999007	« Bacl	k to Emissio	n Source Proce	ess Re	eference					
acility Comments	Othe	r Use of	Organics							
bbreviated Reporting Facility Information Status Update	Please booth units	e provide s i) including before re	pecific information usage, emis porting emis	mation sion sions	on for e factor, a s. Detail	very p and co led in:	process associated with the other use ontrol efficiency (if any). You must s structions are available by clicking o	e of organics (except in spr select Material/Activity Co n Help icon in the tool bar.	ay coating/spray de and throughpu	ut
Combustion Fuels	Abb	reviated	Reportir	ŋg						
Report Process/Emissions ombustion External Combustion	Certai As part If you Click h	n combinati t of Abbrevia select anyth	on of equipme ated Reporting, hing other than out more detail	you / AQN Is abo	Must only Must only MD Defaul out Abbrev	uel sou use AC It Emis viated	rce may disqualify you from Abbreviated QMD Default Emission Factors. sion Factors you will be disqualified from Reporting and its possible benefits.	I Reporting.		
e of organics	Step 1:	Process						Optio	nal: Mark as Comple	eted
pray Coating/Spray										_
ther Use of Organics		AER Device ID	Permit Device ID	A/N	Process ID	Rule #	Material/Activi	ty Code	Material Description	SCC
Tanks	Open E	ES5			P1	1171	Solvents:Solvent Cleaning Operations:Wipe Cl Cleaning	eaning:Repair and Maintenance	Spray Gun Cleaner	r
rocesses								Click he	re to <u>delete</u> this proc	cess.
Upset	Step 2:	Throughp	out							
al Toxic Production and										
	0.000						Annual Throughput			
)ata Validation	oken						55.0000000 tbs			
Summaries cility Report	Step 3:	Criteria E	missions (lb	s)						
bmission		Pollu	tant	EF	Uni	it	EF Data Source	Overall CE	Emissions	
	Add	Now			211					
	Addi	NICE IN								

evice ID	Permit Device ID	A/N	Process ID	Rule #	Material/Activity Code	Material Description	SC
5			P1	1171	Solvents:Solvent Cleaning Operations:Wipe Cleaning:Repair and Maintenance Cleaning	3M High Power Spray Gun Cleaner	
					Annual Throughput		
					55.0000000 gal		
Pollutani	t		voc ~	*			
Emission	Eactor (EE)		1 67000	000e-	1 lbs/gal		
EIIIISSIOI	i ractor (Er)		1.07000		1 ibs/gai		
Overall (	Control Efficien	псу					
Emissior	n Factor Comm	ent					
						,	
			If not up	ing AC	MD default amission factor plaase p	rovido dotailod	
			referenc	es in t	he Emission Factor Comment hox abo	ve or upload file	
			with the	inform	nation.	ve or upload me	
			Processe	s with	out this information are subject to au	dit.	
	126 G 288 G 28	Source	SDS			v *	-
Emissior	n Factor Data S		Sector and the sector and	~~~	0.11		
Emission	ו Factor Data S וא		9.18500	000e+	U IDS		

9. A similar process will need to be followed to add toxic pollutants that may be present in the solvents as well. This information will also be listed in the SDS of the material and is presented as a density or percentage of the weight. Users should select the orange 'Add New' button under 'Step 4: Toxic (TAC/ODC) Emissions (lbs)' and the following window will appear. Search for the toxic pollutant you would like to add in the pollutant search bar and then report its density in lbs/gal. The reported 'Emission Factor Data Source' should be 'Manufacturer Specification' or 'SDS'.

Use of organics Spray Coating/Spray	Step '	1: Process									Optional:	Mark as Complet	ted
Booth Other Use of Organics		AER Device ID	Permit Device ID	A/N	Process ID	Rule #			Material/Activity Co	ode		Material Description	scc
Storage Tanks Fugitive Components	Open	ES5			P1	1171	Solvents:Sol	olvent Cle	eaning Operations:Wipe Cleanin	ng:Repair and Maintenar	nce	Spray Gun Cleaner	
Other Processes										C	lick here t	o <u>delete</u> this proce	ess.
Process Upset	Step 2	2: Throughp	ut										
5. Additional Toxic Substances Production and Usage 7. Perform Data Validation	Open							An	nnual Throughput 55.00000000 gal				
<ol> <li>Review Summaries</li> <li>Print Facility Report</li> </ol>	Step 3	3: Criteria E	missions (lb	s)									
10. Report Submission		Polluta	int E	F	L	Unit			EF Data Source	Overall CE		Emissions	
	Open	VOC			lbs / gal								
	Ado	l New											
	Step 4	4: Toxic (TA	C/ODC) Emis	sion	s (lbs)								
	Ado	TAC i New	ODC Group		CAS	5#	EF	Unit	EF Data Source	Overall	CE	Emissions	

AER Device ID	Permit Device ID	A/N	Process ID	Rule #	Material/Activity Code	Material Description	SCO
S5	D GTTGG AD		P1	1171	Solvents:Solvent Cleaning Operations:Wipe	3M High Power Spray	
					Annual Throughput	our occurer	
					55.0000000 gal		
TAC/ODO	C Toxic Polluta	ints / Q	zone Deplet	ina Corr	apounds		
Pollutant			41 - Gl	ycol et	hers and their acetates	*	
			111762	e - Eth	ylene glycol monobutyl ether	¥	
TAC Grou	up		41 - Gly	col eth	ers and their acetates		
CAS # (I	Pollutant)		111762	- Ethyl	lene glycol monobutyl ether		
Emission	Factor (EF)		3.35000	000e-	1 * Ibs/gal		
Overall C	Control Efficier	ncy					
Emission	Factor Comm	nent					
						1.	
			If not us reference with the Processe	ing <b>AQ</b> es in tl inform es with	<b>QMD default</b> emission factor please p he Emission Factor Comment box abo nation. out this information are subject to au	rovide detailed ve or upload file dit.	
Emission	Factor Data	Source	SDS			*	
Emission	s		1.84250	000e+	1 lbs		

10. If the facility uses more than one brand or type of cleaning solvent each one must be reported following these same steps by adding another process to the Solvent Cleaning device. Return to the 'Other use of Organics' tab of the '5. Report Processes/Emissions' page. Click the orange 'Add new Process to ES' button and the following screen will display. Then follow steps 6-9 again for the new material.

ility ID: 000007				m	ork in Progress	· racitity i	0. 999007 · 3001H COAST AIR	QUALITIMOT	DIST (SCAQMD)	· Reporting period	NU. LULI
acility ID: 999007	Other	Use of (	Organics								
Facility Comments	Please	provide sp including	ecific inform usage, emissi	ation fo on facto	r every proce	ess associ ol efficier	ated with the other use on the other use of the other use of the other use of the other uses other uses of the other uses of the other uses of the other use	of organics (e ect Materia	except in spra	ay coating/spra de and through	y nput
. Facility Information	units	before rep	orting emissi	ons. De	tailed instruc	ctions are	available by clicking on	Help Icon In	the tool bar.		
Status Update     Combustion Fuels     Emission Sources (ES)     Report Process/Emission:     Combustion	Abb Certain As part If you : Click h	reviated combinatio of Abbreviat select anythi ore to find out	Reporting n of equipmen ed Reporting, y ing other than at more details	t code an ou Must c AQMD De about Abl	id fuel source only use AQMD I fault Emission breviated Repo	may disqua Default Emi Factors yo rting and it	lify you from Abbreviated R ssion Factors. u will be disqualified from A s possible benefits.	<mark>eporting.</mark> bbreviated Re	porting.		
External Combustion	10										
Internal Combustion											
Ura of arganics	Other	Ilse of (	Organics P	roces	s list Ove	rview					
Use of organics Spray Coating/Spray	Other	Use of (	Organics P	roces	s List Ove	rview				Print	Desident
Use of organics Spray Coating/Spray Booth	Other Add N	r Use of ( ew Process )	Organics P	roces	s List Ove	rview				Print	Preview
Use of organics Spray Coating/Spray Booth Other Use of Organics	Other Add N	ew Process I AER Device ID	Organics P	A/N	Process ID	status	Material Description	Usage	Units	Print	Preview
Use of organics Spray Coating/Spray Booth Other Use of Organics Storage James Fugitive Components	Other Add N	AER Device ID ESS	Organics F	A/N	Process ID P1	Status Work in Progress	Material Description Spray Gun Cleaner	Usage	Units 55 gal	Print ROG 0	Preview SPO
Use of organics Spray Coating/Spray Booth Other Use of Organics Storage Jams Fugitive Components Other Processes	Other Add N	AER Device ID	Organics F	A/N	Process ID P1	Status Work in Progress	Material Description Spray Gun Cleaner	Usage	Units 55 gal	Print ROG 0	Preview SPO
Use of organics Spray Coating/Spray Rooth Other Use of Organics Storage tails Fugitive Components Other Processes Processes Process Upset	Other Add N Deep	AER Device ID	Permit Device ID	A/N	Process ID P1	Status Work in Progress	Material Description Spray Gun Cleaner	Usage	Units 55 gal Search:	Print ROG 0	Preview SPO
Use of organics Spray Coating/Spray Rooth Other Use of Organics Storage ranks Fugitive Components Other Process Process Upset Additional Toxic	Other Add N	AER Device ID ES5	Permit Device ID		Process ID P1	Status Vork in Progress	Material Description Spray Gun Cleaner	Usage	Units 55 gal Search:	Print ROG 0	Preview SPO
Use of organics Spray Coating/Spray Booth Other Use of Organics Storage tanks Other Processes Process Upset Additional Toxic ubstances Production and sage	Other Add N	AER Device ID ESS	Organics F		Process ID P1	Status Vork in Progress	Material Description Spray Gun Cleaner	Usage	Units 55 gal Search:	Print	Preview SPC
Use of organics Spray Coating/Spray Booth Other Use of Organics Storagy Tailks Fugitive Components Other Processes Process Upset Additional Toxic ubstances Production and lage Perform Data Validation	Other Add N Deep	AER Device ID	Permit Device ID	A/N	Process ID P1	Status Vork in Progress	Material Description Spray Gun Cleaner	Usage	Units 55 gal Search:	ROG 0	Preview SPC
Use of organics Spray Coating/Spray Booth Other Use of Organics Storage Lanks Fugitive Components Other Processes Process Upset Additional Toxic bistances Production and tage Perform Data Validation Review Summaries	Other Add N Deep	AER Device ID ESS	Permit Device ID	A/N	Process ID P1	Status Work in Progress	Material Description Spray Gun Cleaner	Usage	Units 55 gal Search:	Print ROG 0	Preview SPI
Use of organics Spray Coating/Spray Booth Other Use of Organics Storage tanks Other Processes Process Upset Additional Toxic Jobstances Production and Jasge Perform Data Validation Review Summaries Print Facility Report	Other Add N Ωcen ∢	AER Device ID ESS	Permit Device ID	A/N	Process ID P1	Status Viole Kin Progress	Atterial Description Spray Gun Cleaner	Usage	Units 55 gal Search:	Print ROG 0	Preview SPI

AER Device ID	S5 ✓ or <u>Add new emission</u> urce	AER Device Name	Cleaning Solvents	
NON- PERMITTED		Permit Device ID		
Process ID		Process Name		
Process Comment				
SCC				
Equipment	Other evaporative sources	S		$\sim$
Material / Activity *				
Major Group:				~
Type of Operation:				~
Application Method:				~
Type of Material:				~
Material Description			*	
Additional Rules	Add Rule			