



# South Coast Air Quality Management District



21865 Copley Drive, Diamond Bar, CA 91765-4178  
(909) 396-2000 • www.aqmd.gov

## NOTICE OF PROPOSED TITLE V SIGNIFICANT PERMIT REVISION

The South Coast Air Quality Management District (SCAQMD) is proposing to revise the existing Title V permit that was previously issued to the following facility:

### Torrance Refining Company, LLC

3700 W. 190<sup>th</sup> St.  
Torrance, CA 90504  
Facility ID# 181667

#### Contact Person:

Edmund Golpashin  
Permitting, NSR & Acting RECLAIM SME

The SCAQMD is the air pollution control agency for all of Orange County and non-desert portions of Los Angeles, Riverside and San Bernardino Counties. Anyone wishing to install or modify equipment that could release or control air pollution within this region must first obtain a permit from the SCAQMD.

Torrance Refining Company, LLC proposes to install twelve additional portable above ground storage tanks for an ongoing site remediation project. The tanks will each be equipped with two granular activated carbon (GAC) canisters operated in series for control of Volatile Organic Compound (VOC) emissions, which contain trace amount of hazardous air pollutants (HAPs). The maximum daily emissions increase for this project is 1.65 pounds of VOC. The facility has provided 2 pounds per day of VOC Emission Reduction Credits (ERCs) to offset this increase at a ratio of 1.2:1.0 in accordance with District Rule 1303(b)(2) while using the Best Available Control Technology (BACT). In addition, a Tier 1 health risk assessment has been conducted pursuant to District Rule 1401 which demonstrates that no impact on health risk is expected from this project.

The SCAQMD has evaluated the above permit applications and has determined that the equipment will meet all applicable requirements of air quality rules and regulations. Because the new tanks will be subject to National Emission Standards for Hazardous Air Pollutants (NESHAP) requirements pursuant to 40CFR Part 61, Subpart FF, the facility has submitted a Title V significant revision application and requested the SCAQMD to revise their Title V permit.

As required by Title V of the federal Clean Air Act, the Title V permits include all of the emission limits, applicable requirements, and operating conditions imposed on the equipment. Title V facilities are required to certify compliance with the Title V permits in addition to recordkeeping and mandatory reporting of any deviation from the permit conditions.

The proposed Title V permit is available for public review at SCAQMD headquarters at 21865 Copley Dr., Diamond Bar, CA 91765 and at the North Torrance Branch Library at 3604 W. Artesia Blvd., Torrance, CA 90504. The proposed permit can also be viewed at:  
<http://www3.aqmd.gov/webappl/publicnotices2/Search.aspx> by entering the facility's ID number.

Information regarding the facility owner's compliance history submitted to the SCAQMD pursuant to California Health & Safety

Code Section 42336, or otherwise known to the SCAQMD based on credible information, is also available for public review at the SCAQMD headquarters. For more information or to review additional supporting documents for the proposed change of condition, please contact Mr. Danny Luong at (909) 396-2622 or by email at [dluong@aqmd.gov](mailto:dluong@aqmd.gov). Anyone wishing to comment on the proposed Title V permits should submit their comments in writing to:

South Coast Air Quality Management District  
Engineering and Permitting Office  
21865 Copley Drive  
Diamond Bar, CA 91765-4178  
Attention: Danny Luong, Senior Manager

Comments must be post marked no later than June 7, 2018. The SCAQMD will consider all public comments and may revise the Title V permit in accordance with SCAQMD rules and regulations.

The public may request SCAQMD to conduct a public hearing on the proposed Title V permit by submitting a Hearing Request Form (Form 500-G) to Danny Luong at the above SCAQMD address. The public hearing request must contain all the information requested on the form in order for the SCAQMD to determine whether the request is valid and if a public hearing will be held. The public hearing request form may be obtained by calling the SCAQMD's Title V hotline at (909) 396-3013, or from the internet at <http://www.aqmd.gov/docs/default-source/aqmd-forms/Permit/500-g-form.pdf?sfvrsn=2>. Any request for a public hearing must be submitted to the SCAQMD no later than May 23, 2018. A copy of the hearing request must also be sent by first class mail to the facility contact person listed above.

Right to Petition U.S. Environmental Protection Agency (EPA) for Reconsideration: Title V Permits are also subject to review and approval by US EPA. If a public comment is sent to the SCAQMD for this permit, and the SCAQMD has not addressed the comment in a satisfactory manner, and the EPA has not objected to the proposed permit, then the public may submit a petition requesting that the EPA reconsider the decision not to object. Petitions shall be submitted to US EPA, Region 9, Operating Permits Section at 75 Hawthorne Street, San Francisco, CA 94105, within 60 days after the end of the 45-day EPA review period. The EPA review period for this permit starts no earlier than May 1, 2018. EPA's review status may be found at <http://www2.epa.gov/caa-permitting/electronic-permit-submittal-system-region-9>.

For your general information, anyone experiencing air quality problems such as dust, smoke or odors can telephone in a complaint to the SCAQMD by calling 1-800-CUT-SMOG (1-800-288-7664) or file a complaint online at <http://www3.aqmd.gov/webappl/complaintsvstemonline/NewComplaint.aspx>.



**FACILITY PERMIT TO OPERATE  
TORRANCE REFINING COMPANY LLC**

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS  
The operator shall comply with the terms and conditions set forth below:

Additions are shown as **bold underline** and deletions are shown as ~~strikethroughs~~.

Description	ID No.	Connected To	RECLAIM Source Type	Emissions and Requirements	Conditions
<b>Process 22 : GROUNDWATER (GW) TREATMENT</b>					P13.1
<b>System 2 : <del>42</del> <u>54</u> S/T, TOP LAYER GW/FREE HYDROCARBON PRODUCTS RECOVERY</b>					S4.2
<b><u>STORAGE TANK, FIXED ROOF, NO. 43, PORTABLE, BOTTOM FILLING, TOP LAYER GROUNDWATER (FREE HYDROCARBON PRODUCT), EXTRACTED FROM WELL UTILIZING A SKIMMER PUMP, 1,000 GALLONS; DIAMETER: 3 FT 10 IN; LENGTH: 12 FT 1 IN</u></b> A/N: 597847	<b><u>DX1</u></b>	<b><u>CX1</u></b>		<b><u>BENZENE : 5 PPMV (4) [RULE 1303(a)(1)-BACT, 12-6-2002]; VOC : 50 PPMV (4) [RULE 1303(a)(1)-BACT, 12-6-2002]; VOC: 500 PPMV (8)[40 CFR 61 Subpart FF, 12-4-2003]</u></b>	<b><u>C1.X1, H23.X1</u></b>
<b><u>CARBON ADSORBER, ACTIVATED CARBON, 2 IN SERIES, 180 LBS EACH</u></b> A/N: 597847	<b><u>CX1</u></b>	<b><u>DX1</u></b>			<b><u>D90.5, D94.1, E128.1, E153.1</u></b>
<b><u>STORAGE TANK, FIXED ROOF, NO. 44, PORTABLE, BOTTOM FILLING, TOP LAYER GROUNDWATER (FREE HYDROCARBON PRODUCT), EXTRACTED FROM WELL UTILIZING A SKIMMER PUMP, 1,000 GALLONS; DIAMETER: 3 FT 10 IN; LENGTH: 12 FT 1 IN</u></b> A/N: 597848	<b><u>DX2</u></b>	<b><u>CX2</u></b>		<b><u>BENZENE : 5 PPMV (4) [RULE 1303(a)(1)-BACT, 12-6-2002]; VOC : 50 PPMV (4) [RULE 1303(a)(1)-BACT, 12-6-2002]; VOC: 500 PPMV (8)[40 CFR 61 Subpart FF, 12-4-2003]</u></b>	<b><u>C1.X1, H23.X1</u></b>
<b><u>CARBON ADSORBER, ACTIVATED CARBON, 2 IN SERIES, 180 LBS EACH</u></b> A/N: 597848	<b><u>CX2</u></b>	<b><u>DX2</u></b>			<b><u>D90.5, D94.1, E128.1, E153.1</u></b>



## FACILITY PERMIT TO OPERATE TORRANCE REFINING COMPANY LLC

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Description	ID No.	Connected To	RECLAIM Source Type	Emissions and Requirements	Conditions
<u>STORAGE TANK, FIXED ROOF, NO. 45, PORTABLE, BOTTOM FILLING, TOP LAYER GROUNDWATER (FREE HYDROCARBON PRODUCT), EXTRACTED FROM WELL UTILIZING A SKIMMER PUMP, 1,000 GALLONS; DIAMETER: 3 FT 10 IN; LENGTH: 12 FT 1 IN</u> A/N: 597849	<u>DX3</u>	<u>CX3</u>		<u>BENZENE : 5 PPMV (4) [RULE 1303(a)(1)-BACT, 12-6-2002]; VOC : 50 PPMV (4) [RULE 1303(a)(1)-BACT, 12-6-2002]; VOC: 500 PPMV (8)[40 CFR 61 Subpart FF, 12-4-2003]</u>	<u>C1.X1, H23.X1</u>
<u>CARBON ADSORBER, ACTIVATED CARBON, 2 IN SERIES, 180 LBS EACH</u> A/N: 597849	<u>CX3</u>	<u>DX3</u>			<u>D90.5, D94.1, E128.1, E153.1</u>
<u>STORAGE TANK, FIXED ROOF, NO. 46, PORTABLE, BOTTOM FILLING, TOP LAYER GROUNDWATER (FREE HYDROCARBON PRODUCT), EXTRACTED FROM WELL UTILIZING A SKIMMER PUMP, 1,000 GALLONS; DIAMETER: 3 FT 10 IN; LENGTH: 12 FT 1 IN</u> A/N: 597850	<u>DX4</u>	<u>CX4</u>		<u>BENZENE : 5 PPMV (4) [RULE 1303(a)(1)-BACT, 12-6-2002]; VOC : 50 PPMV (4) [RULE 1303(a)(1)-BACT, 12-6-2002]; VOC: 500 PPMV (8)[40 CFR 61 Subpart FF, 12-4-2003]</u>	<u>C1.X1, H23.X1</u>
<u>CARBON ADSORBER, ACTIVATED CARBON, 2 IN SERIES, 180 LBS EACH</u> A/N: 597850	<u>CX4</u>	<u>DX4</u>			<u>D90.5, D94.1, E128.1, E153.1</u>



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<u>STORAGE TANK, FIXED ROOF, NO. 47, PORTABLE, BOTTOM FILLING, TOP LAYER GROUNDWATER (FREE HYDROCARBON PRODUCT), EXTRACTED FROM WELL UTILIZING A SKIMMER PUMP, 1,000 GALLONS; DIAMETER: 3 FT 10 IN; LENGTH: 12 FT 1 IN</u> A/N: 597851	<u>DX5</u>	<u>CX5</u>		<u>BENZENE : 5 PPMV (4) [RULE 1303(a)(1)-BACT, 12-6-2002]; VOC : 50 PPMV (4) [RULE 1303(a)(1)-BACT, 12-6-2002]; VOC: 500 PPMV (8)[40 CFR 61 Subpart FF, 12-4-2003]</u>	<u>C1.X1, H23.X1</u>
<u>CARBON ADSORBER, ACTIVATED CARBON, 2 IN SERIES, 180 LBS EACH</u> A/N: 597851	<u>CX5</u>	<u>DX5</u>			<u>D90.5, D94.1, E128.1, E153.1</u>
<u>STORAGE TANK, FIXED ROOF, NO. 48, PORTABLE, BOTTOM FILLING, TOP LAYER GROUNDWATER (FREE HYDROCARBON PRODUCT), EXTRACTED FROM WELL UTILIZING A SKIMMER PUMP, 1,000 GALLONS; DIAMETER: 3 FT 10 IN; LENGTH: 12 FT 1 IN</u> A/N: 597852	<u>DX6</u>	<u>CX6</u>		<u>BENZENE : 5 PPMV (4) [RULE 1303(a)(1)-BACT, 12-6-2002]; VOC : 50 PPMV (4) [RULE 1303(a)(1)-BACT, 12-6-2002]; VOC: 500 PPMV (8)[40 CFR 61 Subpart FF, 12-4-2003]</u>	<u>C1.X1, H23.X1</u>
<u>CARBON ADSORBER, ACTIVATED CARBON, 2 IN SERIES, 180 LBS EACH</u> A/N: 597852	<u>CX6</u>	<u>DX6</u>			<u>D90.5, D94.1, E128.1, E153.1</u>



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Description	ID No.	Connected To	RECLAIM Source Type	Emissions and Requirements	Conditions
<u>STORAGE TANK, FIXED ROOF, NO. 49, PORTABLE, BOTTOM FILLING, TOP LAYER GROUNDWATER (FREE HYDROCARBON PRODUCT), EXTRACTED FROM WELL UTILIZING A SKIMMER PUMP, 1,000 GALLONS; DIAMETER: 3 FT 10 IN; LENGTH: 12 FT 1 IN</u> A/N: 597853	<u>DX7</u>	<u>CX7</u>		<u>BENZENE : 5 PPMV (4) [RULE 1303(a)(1)-BACT, 12-6-2002]; VOC : 50 PPMV (4) [RULE 1303(a)(1)-BACT, 12-6-2002]; VOC: 500 PPMV (8)[40 CFR 61 Subpart FF, 12-4-2003]</u>	<u>C1.X1, H23.X1</u>
<u>CARBON ADSORBER, ACTIVATED CARBON, 2 IN SERIES, 180 LBS EACH</u> A/N: 597853	<u>CX7</u>	<u>DX7</u>			<u>D90.5, D94.1, E128.1, E153.1</u>
<u>STORAGE TANK, FIXED ROOF, NO. 50, PORTABLE, BOTTOM FILLING, TOP LAYER GROUNDWATER (FREE HYDROCARBON PRODUCT), EXTRACTED FROM WELL UTILIZING A SKIMMER PUMP, 1,000 GALLONS; DIAMETER: 3 FT 10 IN; LENGTH: 12 FT 1 IN</u> A/N: 597854	<u>DX8</u>	<u>CX8</u>		<u>BENZENE : 5 PPMV (4) [RULE 1303(a)(1)-BACT, 12-6-2002]; VOC : 50 PPMV (4) [RULE 1303(a)(1)-BACT, 12-6-2002]; VOC: 500 PPMV (8)[40 CFR 61 Subpart FF, 12-4-2003]</u>	<u>C1.X1, H23.X1</u>
<u>CARBON ADSORBER, ACTIVATED CARBON, 2 IN SERIES, 180 LBS EACH</u> A/N: 597854	<u>CX8</u>	<u>DX8</u>			<u>D90.5, D94.1, E128.1, E153.1</u>



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Description	ID No.	Connected To	RECLAIM Source Type	Emissions and Requirements	Conditions
<u>STORAGE TANK, FIXED ROOF, NO. 51, PORTABLE, BOTTOM FILLING, TOP LAYER GROUNDWATER (FREE HYDROCARBON PRODUCT), EXTRACTED FROM WELL UTILIZING A SKIMMER PUMP, 1,000 GALLONS; DIAMETER: 3 FT 10 IN; LENGTH: 12 FT 1 IN</u> A/N: 597855	<u>DX9</u>	<u>CX9</u>		<u>BENZENE : 5 PPMV (4) [RULE 1303(a)(1)-BACT, 12-6-2002]; VOC : 50 PPMV (4) [RULE 1303(a)(1)-BACT, 12-6-2002]; VOC: 500 PPMV (8)[40 CFR 61 Subpart FF, 12-4-2003]</u>	<u>C1.X1, H23.X1</u>
<u>CARBON ADSORBER, ACTIVATED CARBON, 2 IN SERIES, 180 LBS EACH</u> A/N: 597855	<u>CX9</u>	<u>DX9</u>			<u>D90.5, D94.1, E128.1, E153.1</u>
<u>STORAGE TANK, FIXED ROOF, NO. 52, PORTABLE, BOTTOM FILLING, TOP LAYER GROUNDWATER (FREE HYDROCARBON PRODUCT), EXTRACTED FROM WELL UTILIZING A SKIMMER PUMP, 1,000 GALLONS; DIAMETER: 3 FT 10 IN; LENGTH: 12 FT 1 IN</u> A/N: 597857	<u>DX10</u>	<u>CX10</u>		<u>BENZENE : 5 PPMV (4) [RULE 1303(a)(1)-BACT, 12-6-2002]; VOC : 50 PPMV (4) [RULE 1303(a)(1)-BACT, 12-6-2002]; VOC: 500 PPMV (8)[40 CFR 61 Subpart FF, 12-4-2003]</u>	<u>C1.X1, H23.X1</u>
<u>CARBON ADSORBER, ACTIVATED CARBON, 2 IN SERIES, 180 LBS EACH</u> A/N: 597857	<u>CX10</u>	<u>DX10</u>			<u>D90.5, D94.1, E128.1, E153.1</u>



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The operator shall comply with the terms and conditions set forth below:

Description	ID No.	Connected To	RECLAIM Source Type	Emissions and Requirements	Conditions
<u>STORAGE TANK, FIXED ROOF, NO. 53, PORTABLE, BOTTOM FILLING, TOP LAYER GROUNDWATER (FREE HYDROCARBON PRODUCT), EXTRACTED FROM WELL UTILIZING A SKIMMER PUMP, 1,000 GALLONS; DIAMETER: 3 FT 10 IN; LENGTH: 12 FT 1 IN</u> A/N: 597859	<u>DX11</u>	<u>CX11</u>		<u>BENZENE : 5 PPMV (4) [RULE 1303(a)(1)-BACT, 12-6-2002]; VOC : 50 PPMV (4) [RULE 1303(a)(1)-BACT, 12-6-2002]; VOC: 500 PPMV (8)[40 CFR 61 Subpart FF, 12-4-2003]</u>	<u>C1.X1, H23.X1</u>
<u>CARBON ADSORBER, ACTIVATED CARBON, 2 IN SERIES, 180 LBS EACH</u> A/N: 597859	<u>CX11</u>	<u>DX11</u>			<u>D90.5, D94.1, E128.1, E153.1</u>
<u>STORAGE TANK, FIXED ROOF, NO. 54, PORTABLE, BOTTOM FILLING, TOP LAYER GROUNDWATER (FREE HYDROCARBON PRODUCT), EXTRACTED FROM WELL UTILIZING A SKIMMER PUMP, 1,000 GALLONS; DIAMETER: 3 FT 10 IN; LENGTH: 12 FT 1 IN</u> A/N: 597860	<u>DX12</u>	<u>CX12</u>		<u>BENZENE : 5 PPMV (4) [RULE 1303(a)(1)-BACT, 12-6-2002]; VOC : 50 PPMV (4) [RULE 1303(a)(1)-BACT, 12-6-2002]; VOC: 500 PPMV (8)[40 CFR 61 Subpart FF, 12-4-2003]</u>	<u>C1.X1, H23.X1</u>
<u>CARBON ADSORBER, ACTIVATED CARBON, 2 IN SERIES, 180 LBS EACH</u> A/N: 597860	<u>CX12</u>	<u>DX12</u>			<u>D90.5, D94.1, E128.1, E153.1</u>



## FACILITY PERMIT TO OPERATE TORRANCE REFINING COMPANY LLC

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS  
The operator shall comply with the terms and conditions set forth below:

### PROCESS CONDITIONS

P13.1 All devices under this process are subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
HAPs	40CFR61, SUBPART	FF

[40CFR 61 Subpart FF, 12-4-2003]

[Processes subject to this condition: 1, 2, 3, 4, 5, 7, 8, 9, 11, 12, 13, 14, 15, 20, 22]

### SYSTEM CONDITIONS

S4.2 The following condition(s) shall apply to all affected devices under Section D of this system for fugitive emissions of volatile organic compounds (VOC):

The operator shall monitor the groundwater extraction well caps, pumps (except submerged pump(s)), fittings, and hatches with no detectable VOC leak emissions of greater than 500 ppmv.

The operator shall monitor the emissions quarterly after the first three (3) monthly monitoring events. All VOC leak emissions greater than 500 ppmv shall be repaired within 14 days of detection.

The operator shall keep records of each inspection, subsequent repair, and reinspection, in a manner approved by the District.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002]

[Systems subject to this condition: Process 22, System 2]

### DEVICE CONDITIONS

#### D. Throughput or Operating Parameter Limits

**C1.X1 The operator shall limit the throughput to no more than 30,000 gallon(s) in any one calendar month.**

**The operator shall comply with the following throughput measurement practices.**





## FACILITY PERMIT TO OPERATE TORRANCE REFINING COMPANY LLC

### SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

**A handheld electronic interface probe shall be used to periodically measure the depth (D) of the stored liquid from the bottom of the storage tank to the stored liquid/air interface.**

**The operator shall measure the D before the storage tank is emptied by the vacuum truck and calculate the throughput in gallons, which will be totaled at the end of a calendar month.**

**[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]**

**[Devices subject to this condition: DX1, DX2, DX3, DX4, DX5, DX6, DX7, DX8, DX9, DX10, DX11, DX12]**

#### D. Monitoring/Testing Requirements

D90.5 The operator shall periodically monitor the volatile organic compounds and benzene emissions at the outlet of the primary canister according to the following specifications:

The operator shall monitor once every week during tank filling operations utilizing EPA Method 21 for volatile organic compounds and Draeger indicating tube for benzene.

The operator shall monitor volatile organic compounds at times when there is actual flow to the carbon canister (at tank filling period).

The operator shall calibrate the instrument used to monitor the parameter in ppmv methane.

**[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]**

**[Devices subject to this condition: C2028, C2033, C2034, C2035, C2036, C2051, C2052, C2053, C2054, C2055, C2056, C2057, C2058, C2059, C2060, C2061, C2062, C2063, C2064, C2068, C2069, C2070, C2072, C2079, C2080, C2081, C2082, C2083, C2084, C2086, C2093, C2094, C2095, C2096, C2097, C2098, C2105, C2106, C2107, C2108, C2109, C2110, C2118, CX1, CX2, CX3, CX4, CX5, CX6, CX7, CX8, CX9, CX10, CX11, CX12]**

D94.1 The operator shall install, maintain and operate a sampling line at the inlet and outlet of the carbon canisters to allow measurement of the volatile organic compounds.

**[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]**

**[Devices subject to this condition: C2028, C2033, C2034, C2035, C2036, C2051, C2052, C2053, C2054, C2055, C2056, C2057, C2058, C2059, C2060, C2061, C2062, C2063, C2064, C2068,**



## FACILITY PERMIT TO OPERATE TORRANCE REFINING COMPANY LLC

### SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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C2069, C2070, C2072, C2079, C2080, C2081, C2082, C2083, C2084, C2086, C2093, C2094, C2095, C2096, C2097, C2098, C2105, C2106, C2107, C2108, C2109, C2110, C2118, **CX1, CX2, CX3, CX4, CX5, CX6, CX7, CX8, CX9, CX10, CX11, CX12**

#### E. Equipment Operation/Construction Requirements

E128.1 The operator shall keep all spent carbon in a tightly covered container which shall remain closed except when it is being transferred into or out of the container.

[**RULE 1303(a)(1)-BACT, 5-10-1996**; RULE 1303(a)(1)-BACT, 12-6-2002]

[Devices subject to this condition: C2028, C2033, C2034, C2035, C2036, C2051, C2052, C2053, C2054, C2055, C2056, C2057, C2058, C2059, C2060, C2061, C2062, C2063, C2064, C2068, C2069, C2070, C2072, C2079, C2080, C2081, C2082, C2083, C2084, C2086, C2093, C2094, C2095, C2096, C2097, C2098, C2105, C2106, C2107, C2108, C2109, C2110, C2118, **CX1, CX2, CX3, CX4, CX5, CX6, CX7, CX8, CX9, CX10, CX11, CX12**]

E153.1 The operator shall change over the spent carbon with activated carbon, within 24 hours, in the adsorber whenever breakthrough occurs.

The operator shall replace the carbon as follows: the primary carbon canister shall be replaced with either a fresh carbon canister or the secondary canister, and the secondary canister shall be replaced with a fresh carbon canister.

For the purpose of this condition, breakthrough shall be defined as any volatile organic compound reading of 50 ppmv or more or any benzene reading of 5 ppmv or more.

[**RULE 1303(a)(1)-BACT, 5-10-1996**; RULE 1303(a)(1)-BACT, 12-6-2002]

[Devices subject to this condition: C2028, C2033, C2034, C2035, C2036, C2051, C2052, C2053, C2054, C2055, C2056, C2057, C2058, C2059, C2060, C2061, C2062, C2063, C2064, C2068, C2069, C2070, C2072, C2079, C2080, C2081, C2082, C2083, C2084, C2086, C2093, C2094, C2095, C2096, C2097, C2098, C2105, C2106, C2107, C2108, C2109, C2110, C2118, **CX1, CX2, CX3, CX4, CX5, CX6, CX7, CX8, CX9, CX10, CX11, CX12**]



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**H. Applicable Rules**

**H23.X1 This equipment is subject to the applicable requirements of the following rules or regulations:**

<u>Contaminant</u>	<u>Rule</u>	<u>Rule/Subpart</u>
<u>VOC</u>	<u>District Rule</u>	<u>1149</u>
<u>HAPs</u>	<u>40CFR61</u>	<u>FF</u>

**[RULE 1149, 5-2-2008; 40CFR 61 Subpart FF, 12-4-2003]**

**[Devices subject to this condition: DX1, DX2, DX3, DX4, DX5, DX6, DX7, DX8, DX9, DX10, DX11, DX12]**

