

**EVALUATION REPORT TEMPLATE GUIDANCE**

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Start with the [Evaluation Report Shell](#) and then insert the applicable source category's Emission Calculations and Permit Conditions into it (use Copy and Paste in MS Word) and fill in all the blanks of the template. Reference the applicable Permit Handbook chapter to ensure a thorough evaluation of the permit application. Similarly, an ["Exempt" Evaluation Report Shell](#) is also available for use for exempt sources.

Permit Handbook Chapter #	Permit Handbook Source Category	Source Category Emission Calculations	Source Category Permit Conditions
<b>2</b>	<b>Combustion Equipment</b>		
2.1	<a href="#">Boilers, Steam Generators &amp; Process Heaters</a>	<a href="#">spreadsheet</a>	<a href="#">Conditions for Natural Gas Combustion</a> <a href="#">Conditions for Natural Gas w/Diesel Fuel Backup Combustion</a> <a href="#">Conditions for Other Gaseous Fuel Combustion</a> <a href="#">Conditions for Diesel Fuel Combustion</a>
2.2	(deleted)		
2.3	Internal Combustion Engines		
2.3.1	<a href="#">Stationary Diesel Engines</a>	<a href="#">spreadsheet</a>	<a href="#">Conditions for Stationary Diesel Engines</a>
2.3.2	<a href="#">Stationary Natural Gas Engines</a>	<a href="#">spreadsheet</a>	<a href="#">Emergency Stationary Natural Gas Engines</a>
2.3.3	<a href="#">Portable Diesel Engines</a>	<a href="#">spreadsheet</a>	<a href="#">Conditions for Portable Diesel Engine</a>
<b>3</b>	<b>Petroleum Industry</b>		
3.1	<a href="#">Bulk Loading Facilities</a>		<a href="#">Conditions for General Bulk Loading</a> <a href="#">Conditions for Marine Loading</a>
3.2	<a href="#">Gasoline Dispensing Facilities</a>		
3.3	<a href="#">Oil-Water Separators</a>		<a href="#">Conditions for Oil-Water Separators</a>
3.4	<a href="#">Petroleum Refinery Fugitive Emissions</a>		<a href="#">Conditions for Petroleum Refinery Fugitive Emissions</a>
3.5	<a href="#">Natural Gas Facilities</a>	Use <a href="#">GRI-GLYCalc Program</a> for dehydrator.	<a href="#">Conditions for Dehydrator</a>
<b>4.</b>	<b><a href="#">Organic Liquid Storage Tanks</a></b>	Use <a href="#">TANKS4</a> program. Print a detailed Summary Report of the results and attach it to the Evaluation Report. Make sure to include a reference to this detailed Summary Report in the Evaluation Report.	<a href="#">General Conditions</a> Add if applicable the following conditions and renumber accordingly: <a href="#">Additional for Internal or External Floating Roofs</a> <a href="#">Additional for Fixed Roof w/Vapor Recovery System</a>
<b>5</b>	<b>Coating Operations</b>		
5.1	<a href="#">Spray Booths &amp; Spray Guns</a>	<a href="#">spreadsheet</a>	<a href="#">Conditions for All Types of Coating Operations</a> <a href="#">Additional for carbon abatement</a> <a href="#">Additional for thermal oxidation</a> <a href="#">Additional for Thermal Oxidizer RACT</a>

PERMIT HANDBOOK

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			<a href="#">Additional for source testing</a>
5.2	<a href="#">Coatings and Ink Manufacturing</a>		<a href="#">Conditions for Mixing Vat of Coating and Ink Manufacturing</a> <a href="#">Conditions for Screening Mill of Coating and Ink Manufacturing</a>
5.3	<a href="#">Graphic Arts Printing and Coating Operations</a>	<a href="#">spreadsheet</a>	<a href="#">Conditions for All Types of Coating Operations</a> <a href="#">Additional for carbon abatement</a> <a href="#">Additional for thermal oxidation</a> <a href="#">Additional for Thermal Oxidizer RACT</a> <a href="#">Additional for source testing</a>
<b>6</b>	<b>Solvent Cleaning Operations</b>		
6.1	<a href="#">Cold Solvent Cleaning</a>	<a href="#">spreadsheet</a>	<a href="#">Conditions for All Types of Solvent Cleaning</a>
6.2	<a href="#">Vapor and ConveyORIZED Solvent Cleaning</a>	<a href="#">spreadsheet</a>	<a href="#">Conditions for All Types of Solvent Cleaning</a>
6.3	<a href="#">Wipe Cleaning Operations</a>	<a href="#">spreadsheet</a>	<a href="#">Conditions for All Types of Solvent Cleaning</a>
<b>7</b>	<b>Electronic &amp; Semiconductor Industry</b>		
7.1	<a href="#">Circuit Board Manufacturing</a>		
7.2	<a href="#">Electronic Assembly &amp; Wave Soldering</a>		<a href="#">Conditions for Flux Bath</a>
7.3	<a href="#">Flexible and Rigid Disc Manufacturing</a>	<a href="#">spreadsheet</a>	<a href="#">Conditions for Flexible and Rigid Disc Manufacturing</a>
7.4	<a href="#">Semiconductor Manufacturing Operation</a>	<a href="#">spreadsheet</a>	<a href="#">Conditions for FABS</a> Add if applicable the following conditions and renumber accordingly: <a href="#">Additional for carbon abatement</a> <a href="#">Additional for thermal oxidation</a> <a href="#">Additional for Thermal Oxidizer RACT</a> <a href="#">Additional for source testing</a>
<b>8</b>	<b>Waste Processing Industry</b>		
8.1	(deleted)		
8.2	<a href="#">Sewage Treatment Plants</a>		<a href="#">Conditions for Wastewater Treatment Facilities</a> <a href="#">Conditions for Anaerobic Digester</a>
<b>9</b>	<b>Soil/Water Remediation</b>		
9.1	<a href="#">Airstripping</a>		Add if applicable the following conditions and renumber accordingly: <a href="#">Conditions for Portable Airstripping or Soil Vapor Extraction Using Thermal Oxidation</a> <a href="#">Conditions for Combined Airstripping and Soil Vapor Extraction Using Thermal or Catalytic Oxidation and/or Activated Carbon Vessels</a> <a href="#">Additional for carbon abatement</a> <a href="#">Conditions for carbon abatement</a> <a href="#">Conditions for thermal oxidation</a>

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			<a href="#">Additional for IC Engine RACT</a> <a href="#">Additional for Thermal Oxidizer RACT</a> <a href="#">Additional for end of remediation project</a> <a href="#">Additional for source testing</a> <a href="#">Additional for allowable temperature excursion</a>
9.2	<a href="#">Soil Vapor Extraction</a>		Add if applicable the following conditions and renumber accordingly: <a href="#">Conditions for Portable Airstripping or Soil Vapor Extraction Using Thermal Oxidation</a> <a href="#">Conditions for Combined Airstripping and Soil Vapor Extraction Using Thermal or Catalytic Oxidation and/or Activated Carbon Vessels Additional for carbon abatement</a> <a href="#">Conditions for carbon abatement</a> <a href="#">Conditions for thermal oxidation</a> <a href="#">Additional for IC Engine RACT</a> <a href="#">Additional for Thermal Oxidizer RACT</a> <a href="#">Additional for end of remediation project</a> <a href="#">Additional for source testing</a> <a href="#">Additional for allowable temperature excursion</a>
9.3	(deleted)		
<b>10</b>	<b>Toxic Emitting Operations</b>		
10.1	<a href="#">Chrome Plating</a>		<a href="#">Conditions for Decorative Chrome Plating</a> <a href="#">Conditions for Hard Chrome Plating</a> <a href="#">Conditions for Trivalent Chrome Plating</a>
10.2	<a href="#">Ethylene Oxide Sterilizers</a>		<a href="#">Conditions for Ethylene Oxide Sterilizer w/Catalytic Oxidizer</a> <a href="#">Additional for Thermal Oxidizer RACT</a> <a href="#">Additional for allowable temperature excursion</a>
10.3	(deleted)		
10.4	<a href="#">Non-Halogenated Solvent Dry Cleaning</a>		<a href="#">Conditions for Non-Halogenated Solvent Dry Cleaning</a>
10.5	<a href="#">Synthetic Solvent Dry Cleaning</a>		<a href="#">Conditions for Perchloroethylene Dry Cleaning</a>
<b>11</b>	<b>Miscellaneous Operations</b>		
11.1	<a href="#">Abrasive Blasting Operations</a>		<a href="#">Conditions for Abrasive Blasting (non-BACT with no abatement)</a> <a href="#">Conditions for Abrasive Blasting (non-BACT with abatement)</a> <a href="#">Conditions for Abrasive Blasting (BACT with abatement)</a>
11.2	<a href="#">Asphalt Batch Plants</a>	<a href="#">spreadsheet for Batch Mix;</a> <a href="#">spreadsheet for Drum Mix</a>	<a href="#">Conditions for Asphalt Drum Mixer</a>
11.3	<a href="#">Coffee Roaster</a>		<a href="#">Conditions for Coffee Roasting Operations</a>
11.4	<a href="#">Cooling Towers</a>		<a href="#">Conditions for Cooling Towers</a>
11.5	<a href="#">Concrete Batch Plants</a>	<a href="#">spreadsheet</a>	<a href="#">Conditions for Concrete Batch Plants</a>
11.6	<a href="#">Crematories</a>	<a href="#">spreadsheet</a>	<a href="#">Conditions for Human Crematories</a> <a href="#">Conditions for Animal Crematories</a>

PERMIT HANDBOOK

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11.7	<a href="#">Crushing and Grinding</a>	<a href="#">spreadsheet</a>	<a href="#">Conditions for Crushing and Grinding Operations</a>
11.8	(deleted)		
11.9	<a href="#">Misc. Organic Operations</a>		<a href="#">Conditions for Miscellaneous Organic Operations</a>
11.10	<a href="#">Portable Equipment</a>		<a href="#">Conditions for Portable Equipment</a>
11.11	<a href="#">Polyester Resin Manufacturing</a>		<a href="#">Conditions for Polyester Resin Manufacturing</a>
11.12	<a href="#">Polyester Resin Operations</a>		<a href="#">Conditions for Gel Coat and Resin Operations</a>
11.13	<a href="#">Tub Grinders</a>		<a href="#">Conditions for Tub Grinders (powered by electricity)</a> <a href="#">Conditions for Tub Grinder w/Diesel Engine (Stationary)</a> <a href="#">Conditions for Portable Tub Grinders w/Diesel Engine</a>