

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
2	Combustion Equipment		
2.1	Boilers, Steam Generators & Process Heaters	spreadsheet	Conditions for Natural Gas Combustion Conditions for Natural Gas w/Diesel Fuel Backup Combustion Conditions for Other Gaseous Fuel Combustion Conditions for Diesel Fuel Combustion
2.2	(deleted)		
2.3	Internal Combustion Engines		
2.3.1	Stationary Diesel Engines	spreadsheet	Conditions for Stationary Diesel Engines
2.3.2	Stationary Natural Gas Engines	spreadsheet	Emergency Stationary Natural Gas Engines
2.3.3	Portable Diesel Engines	spreadsheet	Conditions for Portable Diesel Engine
3	Petroleum Industry		
3.1	Bulk Loading Facilities		Conditions for General Bulk Loading Conditions for Marine Loading
3.2	Gasoline Dispensing Facilities		
3.3	Oil-Water Separators		Conditions for Oil-Water Separators
3.4	Petroleum Refinery Fugitive Emissions		Conditions for Petroleum Refinery Fugitive Emissions
3.5	Natural Gas Facilities	Use GRI-GLYCalc Program for dehydrator.	Conditions for Dehydrator
4.	Organic Liquid Storage Tanks	Use TANKS4 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.	General Conditions Add if applicable the following conditions and renumber accordingly: Additional for Internal or External Floating Roofs Additional for Fixed Roof w/Vapor Recovery System
5	Coating Operations		
5.1	Spray Booths & Spray Guns	spreadsheet	Conditions for All Types of Coating Operations Additional for carbon abatement Additional for thermal oxidation Additional for Thermal Oxidizer RACT

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

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

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11.9	Misc. Organic Operations		Conditions for Miscellaneous Organic Operations
11.10	Portable Equipment		Conditions for Portable Equipment
11.11	Polyester Resin Manufacturing		Conditions for Polyester Resin Manufacturing
11.12	Polyester Resin Operations		Conditions for Gel Coat and Resin Operations
11.13	Tub Grinders		Conditions for Tub Grinders (powered by electricity) Conditions for Tub Grinder w/Diesel Engine (Stationary) Conditions for Portable Tub Grinders w/Diesel Engine