



**Instructions for
Request for Determination of Changes of Minor Significance and
Exemption from Plan Approval/Operating Permit
Under Pa Code § 127.14 or § 127.449**

Commonwealth of Pennsylvania
Department of Environmental Protection

Edward G. Rendell, Governor
Commonwealth of Pennsylvania

Kathleen A. McGinty, Secretary
Department of Environmental Protection

DISCLAIMER

This document describes the use of the Request for Determination of changes of Minor Significance and Exemption from Plan Approval/Operating Permit. Nothing in this document alters or supersedes the requirements contained in 25 Pa. Code Chapters 121-145. To receive a copy of Title 25 of the Pennsylvania Code, Chapters 121 to 145, contact the appropriate Regional Office or the Bureau of Air Quality, 400 Market St., 12th Floor, Harrisburg, PA 17105 or call (717) 787-4325 or visit the Commonwealth of Pennsylvania's code Web site at www.pacode.com, click on "Browse", select "Title 25- Environmental Protection" and select an appropriate chapter from 121 to 145".

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Brief Introduction To Pennsylvania's Air Quality Permitting Program

Before an owner/operator of a facility can begin to construct, modify or operate a source, emissions unit or equipment emitting air contaminants in Pennsylvania, the owner/operator needs to obtain prior written approval from the Pennsylvania Department of Environmental Protection, Air Quality Program. The process of obtaining an air permit generally consists of two steps. The first step is obtaining a pre-construction permit authorization known as a Plan Approval from the department. The Plan Approval allows the organization to begin construction, installation or modification at their facility. The second step is obtaining an Operating Permit to allow actual operations at the facility. However, not all air contamination sources require a Plan Approval or operating permit – some may be exempt under Commonwealth regulations, and some may be granted an exemption on a case-by-case basis. The process used to obtain a case-by-case exemption requires that a Request for Determination (RFD) form be submitted. The RFD form is the mechanism by which the department evaluates a case-by-case exemption request. By submitting a completed RFD, a company, in essence, asks the department to make a judgment about whether the owner/operator must obtain a Plan Approval/Operating Permit and/or modify an existing Operating Permit in order to proceed with the proposed project. Under 25 Pa. Code § 127.14, among other criteria, if the air contamination sources being referenced are exempt based on the Air Quality Permit Exemption list or if the department determines them to be of minor significance, a Plan Approval and/or Operating Permit is not needed.

Who Must Submit an RFD

The owner/operator of a facility does not need to submit an RFD form when a source is listed in the Air Quality Permits Exemption List (Document title “275-2101-003”) and meets conditions or thresholds specified for that source. In instances where an exemption is not clear based on the regulations or the owner/operator wishes to have clarification or documentation, they may request the exemption through the RFD process which is handled on a case-by-case basis. Requests for exemptions from the Plan Approval or Operating Permit requirements of Chapter 127 for multiple sources or non-listed sources are determined on a case-by-case basis through the RFD process.

RFD Submission Methods: Paper or RFD*Online

If an RFD is needed, the owner/operator has two options for submitting the RFD: the paper form or the electronic RFD submitted online. The hard-copy RFD form is manually completed by the facility staff and sent with related paper attachments to the Department's appropriate regional office. Use the paper RFD if your facility does not have a computer with internet access. The electronic RFD is submitted online using RFD*Online. RFD*Online allows facility owners/operators to enter their RFD information on a series of secure web screens. The RFD information is transmitted to the Department electronically, and the review and approval process is also handled electronically.

Paper RFD

For paper submission, send the complete RFD form, in triplicate, to the Department's appropriate Regional Office. To be complete, all inquiries on the form must have a response, and the form must be certified with original signature. Enter “None” or “Not applicable,” as appropriate, for inquiries to which no other response is appropriate. Incomplete submissions will

delay the process. The department may request additional information during its technical review of your RFD form. Retain a copy of each complete RFD form for your records.

RFD*Online

RFD*Online is a secure Web site introduced in 2007 for online RFD data entry. It offers automatic data validation and error checking, document attachment and notes capabilities, online help, a printed user manual and a secure submission process. Data is automatically reviewed for completeness, and immediate feedback is provided to ensure a successful submission. The automatic data review and faster communication between users and department staff will save significant time.

Users must self-register online at www.depgreenport.state.pa.us before using RFD*Online. Access to the system is based on an assigned username and password, which prevents unauthorized users from accessing any facility information. Use the self-registration feature, and select RFD*Online from the list of available applications.

RFD Processing by the Department

By submitting a completed RFD, a company, in essence, asks the department to make a judgment about whether the owner/operator must obtain a Plan Approval/Operating Permit and/or modify an existing Operating Permit in order to proceed with the proposed project. Under 25 Pa. Code § 127.14, among other criteria, if the air contamination sources being referenced are exempt based on the Air Quality Permit Exemption list or if the department determines them to be of minor significance, a Plan Approval and/or Operating Permit is not needed.

Some physical changes are exempt by regulation. Others are specifically listed in a document titled Air Quality Permit Exemption List available from the Department's Regional Offices, Central Office or from the Department's Web site, www.depweb.state.pa.us (select Air Topics, Permits, Plan Approval, Document title "275-2101-003"). This document provides policies and procedures that serve as guidance to the provisions in 25 Pa. Code § 127.14.

A Plan Approval is not required for construction, modification or installation of an air contamination source if the source is listed in the Air Quality Permits Exemption list and the emission rates and operating parameters associated with the change satisfy the criteria of the specific exemption. Although a source may be exempt from the Plan Approval and Operating Permit requirements of Chapter 127, the source remains subject to all applicable State and Federal air quality regulations. The department's granting of the exemption does not relieve the owner/operator from the obligation to comply with the emission limitations, work practice and other applicable requirements contained in the air quality regulations. Moreover, if the owner/operator of a facility is claiming an exemption based on emission thresholds or restriction in operational parameters such as hours or capacity, then the owner/operator must keep adequate records to clearly demonstrate to the department that the applicable thresholds or restriction are not exceeded.

The department's permit staff evaluates the completed paper or electronic RFD form and determines whether to grant or deny the exemption. Generally, the department makes a decision within 30 days. If the original RFD was paper, the completed RFD with the determination and any conditions are mailed to the owner/operator of the facility for any requisite further action (e.g., certain conditions to satisfy, submission of a plan approval application, etc). If the original

RFD was submitted using RFD*Online, the owner/operator of the facility is notified electronically of the determination.

Contact Information

There are resources available to the owners/operators of facilities to complete the RFD. Facility staff may contact the Department's Regional Office or Central Office directly by physically visiting the office or contacting the program by telephone, e-mail or via written communication. In some cases, meetings may be helpful to clarify changes that may be complex or innovative. Smaller companies lacking qualified technical staff may contact the Small Business Development Center (SBDC).

Norristown – Region I (Southeast)

Southeast Regional Office
2 East Main Street
Norristown, PA 19401
(484) 250-7503

Wilkes-Barre – Region II (Northeast)

Northeast Regional Office
Two Public Square
Wilkes-Barre, PA 18711-0790
(570) 826-2464

Harrisburg – Region III (Southcentral)

Southcentral Regional Office
909 Elmerton Avenue
Harrisburg, PA 17110
(717) 705-4702

Williamsport – Region IV (Northcentral)

Northcentral Regional Office
208 West Third Street
Williamsport, PA 17701
(570) 327-0512

Pittsburgh – Region V (Southwest)

Southwest Regional Office
400 Waterfront Drive
Pittsburgh, PA 15222-4745
(412) 442-4000

Meadville – Region VI (Northwest)

Northwest Regional Office
230 Chestnut Street
Meadville, PA 16335-3481
(814) 332-6940

Philadelphia and Allegheny Counties have their own permitting programs, and their procedures may differ from the department's. You must discuss your plans with those programs. For information about Air Quality permits in Philadelphia, call (215) 823-7584, in Allegheny County, call (412) 578-8111.

Fees

No fee is currently charged for the processing or reviewing of the RFD form.

Confidential Information

All information in the form and supporting documentation will be available to the public unless the information meets the confidentiality requirements in Section 13.2 (relating to confidential information) of Pennsylvania's Air Pollution Control Act (35 P.S. § 4013.2). Emission data is not confidential information. If information is included in the RFD form that the applicant considers confidential, provide the information on separate sheets of paper (marked confidential) and justify, in writing, why the department should consider the information confidential. If using RFD*Online, check the confidentiality checkbox on the attachment list, provide the confidential information as separate attachments, and attach the written justification for confidential treatment.

Specific Instructions for the RFD Form

Section A: Request for Exemption from a Plan Approval and/or Operating Permit

Check the appropriate boxes for the exemption from a Plan Approval and/or an Operating Permit.

Minor sources or classes of sources, pursuant to 25 Pa. Code § 127.14(a)(1)-(7) - these are the seven sources and classes of sources that are specified in these regulations. NOTE – if your change meets one of these provisions, an RFD form does not need to be filed:

- (1) Air conditioning or ventilation systems not designed to remove pollutants generated by or released from other sources;
- (2) Combustion units (boilers) rated at 2.5 million or less Btus per hour of heat input;
- (3) Combustion units (boilers) with a rated capacity of less than 10 million Btu per hour of heat input fueled by natural gas supplied by a public utility, liquefied petroleum gas or by commercial fuel oils which are No. 2 or lighter—viscosity less than or equal to 5.82 C St—and which meet the sulfur content requirements of § 123.22 (relating to combustion units). Combustion units converting to fuel oils which are No. 3 or heavier—viscosity greater than 5.82 C St—or contain sulfur in excess of the requirements of § 123.22 require approval. For the purpose of this section, commercial fuel oil shall be virgin oil which has no reprocessed, recycled or waste material added;
- (4) Sources used in residential premises designed to house four or less families;
- (5) Space heaters which heat by direct heat transfer;
- (6) Mobile sources; or
- (7) Laboratory equipment used exclusively for chemical or physical analyses.

Other sources and classes of sources of minor significance, pursuant to 25 Pa. Code § 127.14(a)(8).

Physical changes to sources of minor significance, pursuant to 25 Pa. Code § 127.14(a)(9).

The Air Quality Permit Exemption List contains descriptions of sources and classes of sources that the department has determined, in accordance with § 127.14(a)(8) and (9), are exempt from the permitting requirement under Chapter 127. It can be obtained from the Department's Regional Office or Central Office or can be downloaded from the department's Web site, www.depweb.state.pa.us (select Air Topics, Permits, Plan Approval, Document title "275-2101-003"). However, additional minor significance exemptions may be granted on a case-by-case basis in response to the submittal of a completed RFD Form.

Additional physical changes of minor significance that do not add new equipment, pursuant to 25 Pa. Code § 127.14(c)(1).

25 Pa. Code § 127.14(c) describes procedures to expedite the approval of certain physical changes of minor significance. When you propose a physical change which does not call for the installation of new equipment and this change would not increase actual emissions above the allowable emission rate specified in the Operating Permit, including increases authorized under Section 127.449 (relating to de minimus emission increases), you can implement the physical change within seven calendar days of the department's receipt of an RFD form unless the department requests additional information or objects to the change within the seven-day period. The proposed changes must not alter the ambient air quality impact for an air contaminant or violate the Clean Air Act (CAA), Air Pollution Control Act (APCA), regulations adopted under the acts or the terms of an Operating Permit. Examples of physical changes which could be exempted under this provision include changes in the supplier or formulation of similar raw materials, fuels, paints and other coatings which do not affect emissions or meet all applicable standards and limitations.

Additional physical changes of minor significance that add new equipment, pursuant to 25 Pa. Code § 127.14(c)(2).

Physical changes which add new equipment may be exempt if the change would not increase actual emissions above the allowable emission rate specified in the Operating Permit including increases authorized under Section 127.449. You can proceed to make the change within 15 calendar days of the department's receipt of an RFD form unless the department requests additional information or objects to the change within the 15-day period. The proposed change must not alter the ambient air quality impact for an air contaminant or violate the CAA, the APCA, the regulations adopted under the acts or the terms of an Operating Permit. Examples of physical changes which could be exempted under this provision are repairing, replacing, upgrading, maintaining or installing pollution control device instrumentation or component equipment including pumps, blowers, burners, filters, filter bags, devices for measuring pressure drop across an air cleaning device, a filter breakage detector for a baghouse or the voluntary installation of an air cleaning device that is not required in order for the source to operate in compliance.

Changes due to de minimis increases in emissions, pursuant to 25 Pa. Code § 127.449.

25 Pa. Code § 127.449 authorizes de minimis emission increases at facilities with an Operating Permit without a Plan Approval or permit amendment. This provision allows the owner/operator of a facility to install very small sources or to modify sources that create very modest emission increases without going through a Plan Approval or an Operating Permit modification process. However, the de minimis emission increases must not increase a pollutant regulated under Section 112 of the CCA, or subject the facility to the permit requirements of prevention of significant deterioration or nonattainment area new source review or violate an applicable requirement of the Pennsylvania APCA or the CAA. The Operating Permit must include de minimis conditions for a permittee to take advantage of these provisions. You may use the following table, which is derived from the 25. Pa. Code § 127.449 provisions, to determine if the proposed increase (s) are below de minimis thresholds. For example, an owner/operator of a facility can increase emissions up to four tons of carbon monoxide (CO) from a single source and 20 tons of CO at the facility during the five-year term of the permit.

Compound	Small/Single Source Permit Term	Facility Permit Term
Carbon Monoxide (CO)	4 tpy	20 tpy
Nitrogen Oxides (NO _x)	1 tpy	5 tpy
Sulfur Oxides (SO _x)	1.6 tpy	8 tpy
Particulate Matter-10 (PM ₁₀)	0.6 tpy	3 tpy
Volatile Organic Compounds (VOCs)	1 tpy	5 tpy

If you believe that the proposed change would violate the terms of an Operating Permit including increases authorized under Section 127.449, you can submit an RFD form to process the Plan Approval exemption and simultaneously submit a minor Operating Permit modification application under Section 127.462 (relating to minor operating permit modifications). This has proven to be an effective provision. For example, the department will process a Plan Approval exemption, which you have requested through the RFD form, and also at the same time the department will process the minor Operating Permit modification application. This avoids unnecessary delays, reduces review time and reduces paperwork for the construction, modification and installation of sources or air pollution control devices. When you submit a minor Operating Permit modification application, please include a cover letter stating that you have submitted an RFD form to process the Plan Approval exemption.

Section B: Company/Facility Information

Specify the company or corporation's name. Provide the plant name if it is different than the company or facility name. Provide the site address for a plant where the permitted activities will occur. Do not provide a post office box number for the site address. Provide a mailing address if it is different than the site address. Provide all of the requested information. You also need to provide information for the person submitting the RFD form. The department may contact this person if additional information is needed to process the form. Specify the North American Industry Classification System (NAICS) Code at the sector level (at a minimum), and enter all NAICS codes that pertain to the change for which exemption is being sought. You may use this link to obtain NAICS codes: www.census.gov/epcd/www/naics.html.

Section C: Project Description

Check the appropriate project type such as a new construction, modification, remediation or other. If you specify "other," explain in a separate sheet and attach it to the RFD form. State the number of sources you propose to install or modify. Give a brief description of the project. Include a process description and a flow diagram showing raw and finished materials processed, fuel flow and exhaust flow. Indicate (on the diagram) all points where contaminants are emitted and controlled (location of water sprays, collection hoods, other pickup points, etc.).

For example, if you are proposing to install an emergency generator, you may write your project description as: the project consists of the installation of a 500 KW emergency generator for the XYZ Division located in Plant A. The site location of this project is identified in Attachment X. This project will require the excavation, preparation of a concrete base for the generator measuring 15 feet by 15 feet and construction of a small room which will include a fire suppression system. This generator will provide backup electricity to critical plant components and to the fire suppression system.

Section D: Source Description

If you are modifying a source that has been included in the Operating Permit/Operating Permit application, enter the source ID number previously used. Otherwise, give a short name that is commonly used to identify the source, such as Boiler # 4, Building A, etc.

Select the appropriate category code and description from Appendix A.

Give a brief description of the source including manufacturer's name, model number, type and grade of fuel you will be burning, maximum design rating for the source, types and amount of raw and finished materials processed, operational parameters such as maximum operating schedule and any operational restrictions. You are responsible for constructing, operating and maintaining the source in accordance with the parameters that have been identified in the RFD.

List each pollutant (particulates or gaseous pollutants including HAPs, etc.) and potential emissions in pounds per hour (lbs/hr) and tons per year (tpy) by estimating rates prior to entering air-cleaning devices using rated capacity, operating 24 hours per day, 365 days per year or 8760 hours per year.

Attach emissions calculations on a separate sheet if the estimated emissions are discharged through a pollution control or air cleaning device into the open air or estimated actual emissions

are less than potential emissions. You may specify pre-control emissions, which can be calculated at the restricted physical limitations, design limitations or operating hours. Attach calculations showing how the emissions rate was obtained or determined and calculation methods used to estimate potential or pre-control emissions for each applicable pollutant.

List each pollutant such as particulates or gaseous pollutants including HAPs, etc. An example of calculation methods used in estimating atmospheric emissions is shown using lbs/hour and tpy for each applicable pollutant. Provide calculations showing how the emissions rate was obtained or determined. The change must emit less than or equal the amount identified in the RFD form. Please be clear about which sources and emissions are already in existence at the facility and are proposed under this RFD request.

$$\begin{array}{rclclclcl} \text{Atmospheric} & & \text{Maximum} & & \text{Emissions} & & \text{Control} & & 8,760 & & \text{ton} \\ \text{Emissions} & = & \text{design} & & \text{rate} & \times & \text{System} & & \text{hours} & & \\ & & \text{or} & & \text{X} & & \text{X} & & \text{per year} & \times & \text{per} \\ & & \text{operational} & & \text{per unit} & & \text{Inefficiency} & & \text{unless} & & 2000 \text{ lbs} \\ & & \text{Capacity} & & \text{capacity} & & \text{(1 minus} & & \text{restricted} & & \\ & & \text{unless} & & & & \text{Control} & & & & \\ & & \text{restricted} & & & & \text{Efficiency\%} & & & & \\ & & & & & & \text{/100\%)} & & & & \end{array}$$

Example:

$$\begin{aligned} &= (1 \text{ gallon of paint/hour}) \times (2 \text{ pounds VOC/gallon}) \times (1 - 0.8[\text{control efficiency}]) \times \\ &(8,760 \text{ hours per year}) / (2000 \text{ pounds/ton}) \\ &= 1.752 \text{ tons per year.} \end{aligned}$$

You should include HAP emissions if they are greater than 100 lbs/yr or 0.05 tpy. However, the following pollutants should be reported if greater than the amount listed in the following table:

POLYCHLOROBIPHENOLS (PCBs)	20 lbs/yr	0.01 TPY
MERCURY (Hg)	0.2 lbs/yr	0.0001 TPY
LEAD (Pb)	20 lbs/yr	0.01 TPY
POLYCYCLIC ORGANIC MATTER (POM)	20 lbs/yr	0.01 TPY
DIOXINS		0.02 lbs/yr
FURANS		0.02 lbs/yr

Section E: Exemption History

Provide a list of all changes granted exemption or made under the de minimis provision in the last five years that have not yet been incorporated into the Operating Permit. Generally, the department incorporates exempted sources or units into the state-only or Title V operating permits during the initial issuance or renewal of an Operating Permit.

Section F: List of Attached Documents

Number and list all attachments submitted with this form as provided under 18 Pa. C.S.A. §4904 and 35 P.S. §4009(b)(2). If the information is confidential, indicate on the space provided. For confidential information, see instructions given earlier.

Section G: Signature of Responsible Official or Authorized Representative

A responsible official or authorized representative must sign this form as provided under 18 Pa. C.S.A. §4904 and 35 P.S. §4009(b)(2). The certification must be “based on information and belief formed after reasonable inquiry, the statements and information contained in this form are true, accurate and complete.”

Note: If the owner/operator of a facility is using RFD*Online to submit the RFD and is not the person certifying the data, the system will prompt the user to enter the e-mail address of the responsible person. RFD*Online will generate an e-mail to the responsible official/authorized representative. The responsible person will be able to log in and use the enclosed identification number to complete the submission.

Notification of Official Department Determination

If the owner/operator of the facility used the paper RFD forms, the department will mail the final determination to the applicant.

If the owner/operator of the facility used RFD*Online to submit the RFD electronically, then the department determination will be e-mailed to the person completing the RFD, the company/facility contact person and the responsible official/authorized representative.

Small Business Assistance

The Environmental Management Assistance Program (EMAP) is a program designed to help small businesses understand and comply with environmental regulations and identify pollution prevention and energy efficiency opportunities. There are four ways to request assistance from EMAP: call 877-ask-emap, visit the Web site at www.askemap.org, send an e-mail to questions@askemap.org or contact your local SBDC (check www.pasbdc.org for the center nearest you). Services such as site visits and permit reviews are confidential and provided at no charge. Business names and addresses will not be released to any regulatory agency.

The Department's Small Business Ombudsman helps businesses locate sources of funding to install equipment and process changes which result in pollution prevention or energy efficiency. The Ombudsman can also represent small business interests to the department and can be reached at 717-772-5942.

Appendix A - Category Code and Description

Code	Description
11.001	EXTERNAL COMBUSTION -- Bagasses Combustion
11.002	EXTERNAL COMBUSTION -- Coal Combustion
11.003	EXTERNAL COMBUSTION -- Lignite combustion
11.004	EXTERNAL COMBUSTION -- Multiple Fuels Combustion
11.005	EXTERNAL COMBUSTION -- Natural Gas Combustion
11.006	EXTERNAL COMBUSTION -- Fuel Oil Combustion
11.007	EXTERNAL COMBUSTION -- Waste Oil Combustion
11.008	EXTERNAL COMBUSTION -- Wood/Wood Waste Combustion
11.999	EXTERNAL COMBUSTION -- Other External Combustion Sources
15.001	INTERNAL COMBUSTION -- Aviation Fuels
15.002	INTERNAL COMBUSTION -- Diesel Fuel
15.003	INTERNAL COMBUSTION -- Gasoline
15.004	INTERNAL COMBUSTION -- Natural Gas
15.005	INTERNAL COMBUSTION -- Process Gas
15.006	INTERNAL COMBUSTION -- Fuel Oil
15.007	INTERNAL COMBUSTION -- Multiple Fuels
15.999	INTERNAL COMBUSTION -- Other Internal Combustion Sources
21.001	MUNICIPAL WASTE -- Municipal Waste Combustors/Incinerators
21.002	MUNICIPAL WASTE -- Municipal Waste Landfills
21.003	MUNICIPAL WASTE -- Publicly Owned Treatment Works (POTW) Emissions (except 21.004)
21.004	MUNICIPAL WASTE -- Sewage Sludge Incineration
21.999	MUNICIPAL WASTE -- Other Municipal Waste Processing/Disposal Facilities
22.001	HAZARDOUS WASTE -- Benzene Waste Treatment
22.002	HAZARDOUS WASTE -- Hazardous Waste Incineration
22.003	HAZARDOUS WASTE -- Hazardous Waste Landfills
22.004	HAZARDOUS WASTE -- Site Remediation (except 22.006)
22.005	HAZARDOUS WASTE -- Treatment, Storage and Disposal Facilities (TSDF except 22.002,.003,.006)
22.006	HAZARDOUS WASTE -- Contaminated Soil Treatment
22.999	HAZARDOUS WASTE -- Other Hazardous Waste Processing/Disposal Facilities
29.001	OTHER WASTE DISPOSAL (except 21 & 22) -- Automobile Body Shredding/Incineration
29.002	OTHER WASTE DISPOSAL (except 21 & 22) -- Industrial Wastewater/Contaminated Water Treatment
29.003	OTHER WASTE DISPOSAL (except 21 & 22) -- Industrial Landfills
29.004	OTHER WASTE DISPOSAL (except 21 & 22) -- Medical/Infectious Waste Incineration
29.999	OTHER WASTE DISPOSAL (except 21 & 22) -- Other Waste Disposal Sources
30.001	Charcoal
30.002	Kraft Pulp Mills
30.003	Plywood and Veneer Operations
30.004	Pulp and Paper Production other than Kraft
30.005	Reconstituted Panelboard Plants (waferboard, particleboard,etc.)
30.006	Wood Treatment
30.007	Woodworking
30.999	Other Wood Products Industry Sources
41.001	SURFACE COATING/PRINTING/GRAPHIC ARTS -- Aerospace Surface Coating
41.002	SURFACE COATING/PRINTING/GRAPHIC ARTS -- Automobiles and Trucks Surface Coating (OEM)
41.003	SURFACE COATING/PRINTING/GRAPHIC ARTS -- Automotive Refinishing
41.004	SURFACE COATING/PRINTING/GRAPHIC ARTS -- Can Surface Coating
41.005	SURFACE COATING/PRINTING/GRAPHIC ARTS -- Fabric Coating/Printing/Dyeing (except 41.017)
41.006	SURFACE COATING/PRINTING/GRAPHIC ARTS -- Flatwood Paneling Surface Coating
41.007	SURFACE COATING/PRINTING/GRAPHIC ARTS -- Flexible Vinyl & Urethane Coating/Printing
41.008	SURFACE COATING/PRINTING/GRAPHIC ARTS -- Large Appliance Surface Coating

Code	Description
41.009	SURFACE COATING/PRINTING/GRAPHIC ARTS -- Magnetic Tape Surface Coating
41.010	SURFACE COATING/PRINTING/GRAPHIC ARTS -- Magnetic Wire Surface Coating
41.011	SURFACE COATING/PRINTING/GRAPHIC ARTS -- Metal Coil Surface Coating
41.012	SURFACE COATING/PRINTING/GRAPHIC ARTS -- Metal Furniture Surface Coating
41.013	SURFACE COATING/PRINTING/GRAPHIC ARTS -- Miscellaneous Metal Parts and Products Surface Coating
41.014	SURFACE COATING/PRINTING/GRAPHIC ARTS -- Paper, Plastic & Foil Web Surface Coating (except 41.007& 41.018)
41.015	SURFACE COATING/PRINTING/GRAPHIC ARTS -- Plastic Parts for Business Machines Surface Coating
41.016	SURFACE COATING/PRINTING/GRAPHIC ARTS -- Plastic Parts & Products Surface Coating (except 41.015)
41.017	SURFACE COATING/PRINTING/GRAPHIC ARTS -- Polymeric Coating of Fabrics
41.018	SURFACE COATING/PRINTING/GRAPHIC ARTS -- Pressure Sensitive Tapes and Labels Coating
41.019	SURFACE COATING/PRINTING/GRAPHIC ARTS -- Printing - Forms
41.020	SURFACE COATING/PRINTING/GRAPHIC ARTS -- Printing - News Print
41.021	SURFACE COATING/PRINTING/GRAPHIC ARTS -- Printing - Packaging
41.022	SURFACE COATING/PRINTING/GRAPHIC ARTS -- Printing - Publication
41.023	SURFACE COATING/PRINTING/GRAPHIC ARTS -- Printing/Publication (except 41.007 & 41.019-022)
41.024	SURFACE COATING/PRINTING/GRAPHIC ARTS -- Ship Building & Repair Surface Coating
41.025	SURFACE COATING/PRINTING/GRAPHIC ARTS -- Wood Products/Furniture Surface Coating (except 41.006)
41.026	SURFACE COATING/PRINTING/GRAPHIC ARTS -- Leather Surface Coating
41.999	SURFACE COATING/PRINTING/GRAPHIC ARTS -- Other Surface Coating/Printing/Graphic Arts Source
42.001	ORGANIC LIQUID STORAGE & MARKETING -- Gasoline Bulk Plants
42.002	ORGANIC LIQUID STORAGE & MARKETING -- Gasoline Bulk Terminals
42.003	ORGANIC LIQUID STORAGE & MARKETING -- Gasoline Marketing (except 42.001 & 42.002)
42.004	ORGANIC LIQUID STORAGE & MARKETING -- Petroleum Liquid Marketing (except 42.001-003 & 42.005-.006)
42.005	ORGANIC LIQUID STORAGE & MARKETING -- Petroleum Liquid Storage in Fixed Roof Tanks
42.006	ORGANIC LIQUID STORAGE & MARKETING -- Petroleum Liquid Storage in Floating Roof Tanks
42.009	ORGANIC LIQUID STORAGE & MARKETING -- Volatile Organic Liquid Storage
42.010	ORGANIC LIQUID STORAGE & MARKETING -- Volatile Organic Liquid Marketing (except 42.009)
42.999	ORGANIC LIQUID STORAGE & MARKETING -- Other Liquid Marketing Sources
49.001	ORGANIC LIQUID STORAGE & MARKETING -- Aerosol Can Filling
49.002	ORGANIC LIQUID STORAGE & MARKETING -- Dry Cleaning - PERC/Chlorinated Solvents
49.003	ORGANIC LIQUID STORAGE & MARKETING -- Dry Cleaning - Petroleum Solvents
49.004	ORGANIC LIQUID STORAGE & MARKETING -- Fiberglass Boat Manufacturing
49.005	ORGANIC LIQUID STORAGE & MARKETING -- Fiberglass/Reinforced Polymer Products Manufacturing (except 49.004)
49.006	ORGANIC LIQUID STORAGE & MARKETING -- Halogenated Solvent Cleaners
49.007	ORGANIC LIQUID STORAGE & MARKETING -- Ink Manufacturing
49.008	ORGANIC LIQUID STORAGE & MARKETING -- Organic Solvent Cleaning & Degreasing (except 49.006)
49.009	ORGANIC LIQUID STORAGE & MARKETING -- Paint/Coating/Adhesives Manufacturing
49.010	ORGANIC LIQUID STORAGE & MARKETING -- Paint Stripping
49.999	ORGANIC LIQUID STORAGE & MARKETING -- Other Organic Evaporative Loss Sources
50.001	Oil and Gas Field Services
50.002	Natural Gas/Gasoline Processing Plants
50.003	Petroleum Refining Conversion Processes (cracking, CO boilers, reform, alky
50.004	Petroleum Refining Feedstock (blending, loading and unloading)
50.005	Petroleum Refining Separation Processes (distillation & light ends recovery
50.006	Petro.Refining Treating Processes (hydrotreat.,chem.sweet.,acid gas remove,

Code	Description
50.007	Petroleum Refining Equipment Leaks/Fugitive Emissions
50.008	Petroleum Refining Flares and Incinerators (except acid gas/recovery unit i
50.009	Petroleum Refining Wastewater and Wastewater Treatment
50.010	Shale Processing
50.999	Other Petroleum/Natural Gas Production & Refining Sources (except 50.001-.0
61.001	AGRICULTURAL CHEMICALS MANUFACTURING -- 2,4-D Salts and Esters Production
61.002	AGRICULTURAL CHEMICALS MANUFACTURING -- 4-Chloro-2-Methylphenoxyacetic Acid Production
61.003	AGRICULTURAL CHEMICALS MANUFACTURING -- 4,6-Dinitro-o-Cresol Production
61.004	AGRICULTURAL CHEMICALS MANUFACTURING -- Captafol (tm) Production
61.005	AGRICULTURAL CHEMICALS MANUFACTURING -- Captan (tm) Production
61.006	AGRICULTURAL CHEMICALS MANUFACTURING -- Chloroneb (tm) Production
61.007	AGRICULTURAL CHEMICALS MANUFACTURING -- Chlorthalonil (tm) Production
61.008	AGRICULTURAL CHEMICALS MANUFACTURING -- Dacthal (tm) Production
61.009	AGRICULTURAL CHEMICALS MANUFACTURING -- Phosphate Fertilizers Production
61.010	AGRICULTURAL CHEMICALS MANUFACTURING -- Sodium Pentachlorophenate Production
61.011	AGRICULTURAL CHEMICALS MANUFACTURING -- Tordon Acid Production
61.012	AGRICULTURAL CHEMICALS MANUFACTURING -- Fertilizer Production (except 61.009)
61.999	AGRICULTURAL CHEMICALS MANUFACTURING -- Other Agricultural Chemical Manufacturing Sources
62.001	INORGANIC CHEMICALS MANUFACTURING -- Ammonium Sulfate Production - Caprolactam By- Product Plants
62.002	INORGANIC CHEMICALS MANUFACTURING -- Antimony Oxides Manufacturing
62.003	INORGANIC CHEMICALS MANUFACTURING -- Chlorine Production
62.004	INORGANIC CHEMICALS MANUFACTURING -- Chromium Chemicals Manufacturing
62.005	INORGANIC CHEMICALS MANUFACTURING -- Cyanuric Chemicals Manufacturing
62.006	INORGANIC CHEMICALS MANUFACTURING -- Fume Silica Production
62.007	INORGANIC CHEMICALS MANUFACTURING -- Hydrochloric Acid Production
62.008	INORGANIC CHEMICALS MANUFACTURING -- Hydrogen Cyanide Production
62.009	INORGANIC CHEMICALS MANUFACTURING -- Hydrogen Fluoride Production
62.010	INORGANIC CHEMICALS MANUFACTURING -- Phosphoric Acid Manufacturing
62.011	INORGANIC CHEMICALS MANUFACTURING -- Quaternary Ammonium Compounds Production
62.012	INORGANIC CHEMICALS MANUFACTURING -- Sodium Cyanide Production
62.013	INORGANIC CHEMICALS MANUFACTURING -- Uranium Hexafluoride Production
62.014	INORGANIC CHEMICALS MANUFACTURING -- Nitric Acid Plants
62.015	INORGANIC CHEMICALS MANUFACTURING -- Sulfuric Acid Plants
62.016	INORGANIC CHEMICALS MANUFACTURING -- Chloroalkali Production
62.017	INORGANIC CHEMICALS MANUFACTURING -- Hydrofluoric Acid Production
62.018	INORGANIC CHEMICALS MANUFACTURING -- Sodium Carbonate Production
62.019	INORGANIC CHEMICALS MANUFACTURING -- Sulfur Recovery (except 50.006)
62.020	INORGANIC CHEMICALS MANUFACTURING -- Inorganic Liquid/Gas Storage & Handling
62.999	INORGANIC CHEMICALS MANUFACTURING -- Other Inorganic Chemical Manufacturing Sources
63.001	POLYMER AND RESIN PRODUCTION -- Acetal Resins Production
63.002	POLYMER AND RESIN PRODUCTION -- Acrylonitrile-Butadiene-Styrene Production
63.003	POLYMER AND RESIN PRODUCTION -- Alkyd Resins Production
63.004	POLYMER AND RESIN PRODUCTION -- Amino Resins Production
63.005	POLYMER AND RESIN PRODUCTION -- Butadiene-Furfural Cotrimer (R-11)
63.006	POLYMER AND RESIN PRODUCTION -- Butyl Rubber Production
63.007	POLYMER AND RESIN PRODUCTION -- Carboxymethylcellulose Production
63.008	POLYMER AND RESIN PRODUCTION -- Cellophane Production
63.009	POLYMER AND RESIN PRODUCTION -- Cellulose Ethers Production
63.010	POLYMER AND RESIN PRODUCTION -- Epichlorohydrin Elastomers Production
63.011	POLYMER AND RESIN PRODUCTION -- Epoxy Resins Production
63.012	POLYMER AND RESIN PRODUCTION -- Ethylene-propylene Rubber Production
63.013	POLYMER AND RESIN PRODUCTION -- Flexible Polyurethane Foam Production

Code	Description
63.014	POLYMER AND RESIN PRODUCTION -- Hypalon (tm) Production
63.015	POLYMER AND RESIN PRODUCTION -- Maleic Copolymers Production
63.016	POLYMER AND RESIN PRODUCTION -- Methylcellulose Production
63.017	POLYMER AND RESIN PRODUCTION -- Methyl Methacrylate-Acrylonitrile-Butadiene-Styrene Production
63.018	POLYMER AND RESIN PRODUCTION -- Methyl Methacrylate-Butadiene-Styrene Terpolymers Production
63.019	POLYMER AND RESIN PRODUCTION -- Neoprene Production
63.020	POLYMER AND RESIN PRODUCTION -- Nitrile Butadiene Rubber Production
63.021	POLYMER AND RESIN PRODUCTION -- Non-Nylon Polyamides Production
63.022	POLYMER AND RESIN PRODUCTION -- Nylon 6 Production
63.023	POLYMER AND RESIN PRODUCTION -- Phenolic Resins Production
63.024	POLYMER AND RESIN PRODUCTION -- Polybutadiene Rubber Production
63.025	POLYMER AND RESIN PRODUCTION -- Polycarbonates Production
63.026	POLYMER AND RESIN PRODUCTION -- Polyester Resins Production
63.027	POLYMER AND RESIN PRODUCTION -- Polyether Polyols Production
63.028	POLYMER AND RESIN PRODUCTION -- Polyethylene Terephthalate Production
63.029	POLYMER AND RESIN PRODUCTION -- Polymerized Vinylidene Production
63.030	POLYMER AND RESIN PRODUCTION -- Polymethyl Methacrylate Resins Production
63.031	POLYMER AND RESIN PRODUCTION -- Polystyrene Production
63.032	POLYMER AND RESIN PRODUCTION -- Polysulfide Rubber Production
63.033	POLYMER AND RESIN PRODUCTION -- Polyvinyl Acetate Emulsions Production
63.034	POLYMER AND RESIN PRODUCTION -- Polyvinyl Alcohol Production
63.035	POLYMER AND RESIN PRODUCTION -- Polyvinyl Butyral Production
63.036	POLYMER AND RESIN PRODUCTION -- Polyvinyl Chloride and Copolymers Production
63.037	POLYMER AND RESIN PRODUCTION -- Reinforced Plastic Composites Production
63.038	POLYMER AND RESIN PRODUCTION -- Styrene-Acrylonitrile Production
63.039	POLYMER AND RESIN PRODUCTION -- Styrene Butadiene Rubber and Latex Production
63.999	POLYMER AND RESIN PRODUCTION -- Other Polymer and Resin Manufacturing Sources
64.001	SOCMI INDUSTRY -- Batch Reaction Vessels (except 69.011)
64.002	SOCMI INDUSTRY -- Equipment Leaks (valves, compressors, pumps, etc.)
64.003	SOCMI INDUSTRY -- Processes Vents (emissions from air oxidation, distillation, & other reacti
64.004	SOCMI INDUSTRY -- Storage Tanks (SOCMI Chemicals (loading/unloading, filling, etc.)
64.005	SOCMI INDUSTRY -- Transfer of SOCMI Chemicals (loading/unloading, filling, etc.)
64.006	SOCMI INDUSTRY -- Wastewater Collection & Treatment
64.999	SOCMI INDUSTRY -- Other SOCMI Processes
65.001	SYNTHETIC FIBERS PRODUCTION -- Acrylic Fibers/Modacrylic Fibers Production
65.002	SYNTHETIC FIBERS PRODUCTION -- Rayon Production
65.003	SYNTHETIC FIBERS PRODUCTION -- Spandex Production
65.999	SYNTHETIC FIBERS PRODUCTION -- Other Synthetic Fibers Production Sources
69.001	CHEMICAL MANUFACTURING (except 61, 62, 63, 64 & 65) -- Benzyltrimethylammonium Chloride Facilities
69.002	CHEMICAL MANUFACTURING (except 61, 62, 63, 64 & 65) -- Butadiene Dimers Production
69.003	CHEMICAL MANUFACTURING (except 61, 62, 63, 64 & 65) -- Carbonyl Sulfide Production
69.004	CHEMICAL MANUFACTURING (except 61, 62, 63, 64 & 65) -- Chelating Agents Production
69.005	CHEMICAL MANUFACTURING (except 61, 62, 63, 64 & 65) -- Chlorinated Paraffins Production
69.006	CHEMICAL MANUFACTURING (except 61, 62, 63, 64 & 65) -- Dodecanedioic Acid Production
69.007	CHEMICAL MANUFACTURING (except 61, 62, 63, 64 & 65) -- Ethylidene Norbornene Production
69.008	CHEMICAL MANUFACTURING (except 61, 62, 63, 64 & 65) -- Explosives Production
69.009	CHEMICAL MANUFACTURING (except 61, 62, 63, 64 & 65) -- Hydrazine Production
69.010	CHEMICAL MANUFACTURING (except 61, 62, 63, 64 & 65) -- OBPA/1,3-Diisocyanate Production
69.011	CHEMICAL MANUFACTURING (except 61, 62, 63, 64 & 65) -- Pharmaceuticals Production
69.012	CHEMICAL MANUFACTURING (except 61, 62, 63, 64 & 65) -- Photographic Chemicals Production
69.013	CHEMICAL MANUFACTURING (except 61, 62, 63, 64 & 65) -- Phthalate Plasticizers Production
69.014	CHEMICAL MANUFACTURING (except 61, 62, 63, 64 & 65) -- Rubber Chemicals Manufacturing

Code	Description
69.015	CHEMICAL MANUFACTURING (except 61, 62, 63, 64 & 65) -- Carbon Black Manufacturing
69.016	CHEMICAL MANUFACTURING (except 61, 62, 63, 64 & 65) -- Soap & Detergent Manufacturing
69.017	CHEMICAL MANUFACTURING (except 61, 62, 63, 64 & 65) -- Propellant Production/Manufacturing
69.999	CHEMICAL MANUFACTURING (except 61, 62, 63, 64 & 65) -- Other Chemical Manufacturing Sources
70.001	FOOD AND AGRICULTURAL PRODUCTS (see 61) -- Alfalfa Dehydrating
70.002	FOOD AND AGRICULTURAL PRODUCTS (see 61) -- Baker's Yeast Manufacturing
70.003	FOOD AND AGRICULTURAL PRODUCTS (see 61) -- Bread Bakeries
70.004	FOOD AND AGRICULTURAL PRODUCTS (see 61) -- Cellulose Food Casing Manufacturing
70.005	FOOD AND AGRICULTURAL PRODUCTS (see 61) -- Coffee Roasting
70.006	FOOD AND AGRICULTURAL PRODUCTS (see 61) -- Cotton Ginning
70.007	FOOD AND AGRICULTURAL PRODUCTS (see 61) -- Feed and Grain Handling, Storage & Processing (including Mills & Elevators)
70.008	FOOD AND AGRICULTURAL PRODUCTS (see 61) -- Alcoholic Beverages Production
70.009	FOOD AND AGRICULTURAL PRODUCTS (see 61) -- Fish Processing
70.010	FOOD AND AGRICULTURAL PRODUCTS (see 61) -- Fruit and Vegetable Processing
70.011	FOOD AND AGRICULTURAL PRODUCTS (see 61) -- Meat Smokehouses
70.012	FOOD AND AGRICULTURAL PRODUCTS (see 61) -- Roasting (except 70.005)
70.013	FOOD AND AGRICULTURAL PRODUCTS (see 61) -- Starch Manufacturing
70.014	FOOD AND AGRICULTURAL PRODUCTS (see 61) -- Sugar Cane Processing
70.015	FOOD AND AGRICULTURAL PRODUCTS (see 61) -- Vegetable Oil Production
70.016	FOOD AND AGRICULTURAL PRODUCTS (see 61) -- Alcohol Fuel Production
70.999	FOOD AND AGRICULTURAL PRODUCTS (see 61) -- Other Food and Agricultural Products Sources
81.001	FERROUS METALS INDUSTRY -- Coke By-product Plants
81.002	FERROUS METALS INDUSTRY -- Coke Production (except 81.001)
81.003	FERROUS METALS INDUSTRY -- Ferroalloy Production
81.004	FERROUS METALS INDUSTRY -- Iron Foundries
81.005	FERROUS METALS INDUSTRY -- Stainless Steel/Specialty Steel Manufacturing
81.006	FERROUS METALS INDUSTRY -- Steel Foundries
81.007	FERROUS METALS INDUSTRY -- Steel Manufacturing (except 81.005 & 81.006)
81.008	FERROUS METALS INDUSTRY -- Steel Pickling - HCL Process
81.999	FERROUS METALS INDUSTRY -- Other Ferrous Metals Industry Sources
82.001	NONFERROUS METALS INDUSTRY -- Lead Acid Battery Manufacturing
82.002	NONFERROUS METALS INDUSTRY -- Lead Acid Battery Reclamation
82.003	NONFERROUS METALS INDUSTRY -- Lead Oxide and Pigment Production
82.004	NONFERROUS METALS INDUSTRY -- Lead Products (except 82.001-002, 82.006 & 82.01
82.005	NONFERROUS METALS INDUSTRY -- Primary Aluminum Production
82.006	NONFERROUS METALS INDUSTRY -- Primary Copper Smelting
82.007	NONFERROUS METALS INDUSTRY -- Primary Lead Smelting
82.008	NONFERROUS METALS INDUSTRY -- Primary Magnesium Refining
82.009	NONFERROUS METALS INDUSTRY -- Primary Zinc Smelting
82.010	NONFERROUS METALS INDUSTRY -- Secondary Aluminum Production
82.011	NONFERROUS METALS INDUSTRY -- Secondary Brass & Brass Ingot Production
82.012	NONFERROUS METALS INDUSTRY -- Secondary Copper Smelting & Alloying
82.013	NONFERROUS METALS INDUSTRY -- Secondary Lead Smelting
82.014	NONFERROUS METALS INDUSTRY -- Secondary Magnesium Smelting
82.015	NONFERROUS METALS INDUSTRY -- Secondary Zinc Processing
82.999	NONFERROUS METALS INDUSTRY -- Other Non-Ferrous Metals Industry Sources
90.001	Alumina Processing
90.002	Asphalt/Coal Tar Application - Metal Pipes
90.003	Asphalt Concrete Manufacturing
90.004	Asphalt Processing (except 90.002, 90.003 & 90.034)
90.005	Calcium Carbide Manufacturing
90.006	Cement Manufacturing (except 90.028)
90.007	Chromium Refractories Production
90.008	Clay and Fly Ash Sintering

Code	Description
90.009	Clay Products (including Bricks & Ceramics)
90.010	Coal Conversion/Gasification
90.011	Coal Handling/Processing/Preparation/Cleaning
90.012	Concrete Batch Plants
90.013	Elemental Phosphorous Plants
90.014	Frit Manufacturing
90.015	Glass Fiber Manufacturing (except 90.033)
90.016	Glass Manufacturing
90.017	Calciners & Dryers and Mineral Processing Facilities
90.018	Lead Ore Crushing and Grinding
90.019	Lime/Limestone Handling/Kilns/Storage/Manufacturi
90.020	Mercury Ore Processing
90.021	Metallic Mineral/Ore Processing (except 90.018, 90.020 & 90.031)
90.022	Mineral Wool Manufacturing
90.023	Mining Operations (except 90.032)
90.024	Non-metallic Mineral Processing (stone quarry, sand, gravel, gypsum & etc.)
90.026	Phosphate Rock Processing
90.027	Phosphogypsum Stacks
90.028	Portland Cement Manufacturing
90.029	Refractories
90.031	Taconite Iron Ore Processing
90.032	Underground Uranium Mines
90.033	Wool Fiberglass Manufacturing
90.034	Asphalt Roofing Products Manufacturing
90.999	Other Mineral Processing Sources
99.001	MISCELLANEOUS SOURCES -- Abrasive Blasting/Cleaning
99.002	MISCELLANEOUS SOURCES -- Chromic Acid Anodizing
99.003	MISCELLANEOUS SOURCES -- Comfort Cooling Towers
99.004	MISCELLANEOUS SOURCES -- Commercial Sterilization Facilities
99.005	MISCELLANEOUS SOURCES -- Decorative Chromium Electroplating
99.006	MISCELLANEOUS SOURCES -- Electronics Manufacturing (except 99.011)
99.007	MISCELLANEOUS SOURCES -- Hard Chromium Electroplating
99.008	MISCELLANEOUS SOURCES -- Hospital Sterilization Facilities
99.009	MISCELLANEOUS SOURCES -- Industrial Process Cooling Towers
99.010	MISCELLANEOUS SOURCES -- Rocket Engine Test Firing
99.011	MISCELLANEOUS SOURCES -- Semiconductor Manufacturing
99.012	MISCELLANEOUS SOURCES -- Welding & Grinding
99.013	MISCELLANEOUS SOURCES -- Electroplating/Plating (except Chrome - 99.002, 99.005 & 99.007)
99.014	MISCELLANEOUS SOURCES -- Polystyrene Foam Products Manufacturing
99.015	MISCELLANEOUS SOURCES -- Rubber Tire Manufacturing and Retreading
99.016	MISCELLANEOUS SOURCES -- Polyurethane Foam Products Manufacturing
99.017	MISCELLANEOUS SOURCES -- Leather Tanning
99.018	MISCELLANEOUS SOURCES -- Synthetic Fuels Production (except 70.016 & 90.010)
99.019	MISCELLANEOUS SOURCES -- Geothermal Power
99.020	MISCELLANEOUS SOURCES -- Rocket Demilitarization
99.999	MISCELLANEOUS SOURCES -- Other Miscellaneous Sources

For more information, visit DEP's Web site at
www.depweb.state.pa.us, Keyword: "Request for Determination."