

SDMS Document



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VIRGIN ISLANDS RULES & REGULATIONS
AIR POLLUTION CONTROL
TITLE 12, CHAPTER 9

§ 206-20. Permits required

- (a) Authority to Construct. Any person building, erecting, altering or replacing any article, machine, equipment or other contrivance, the use of which may cause the issuance of air contaminants or may eliminate or reduce or control the issuance of air contaminants, shall first obtain a written authority to construct from the Commissioner or his designated representative. This authorization is also required for initial construction of any emission source required by section 206-51 to apply for a part 70 permit. An authority to construct shall remain in effect until the permit to operate the equipment for which the application was filed is granted or denied or the application is canceled.
- (b) Authority to Construct Not Required. An authorization to construct shall not be required for the following permitted sources of air contaminants:
- (1) Any source which has a part 70 permit that has been issued in accordance with section 206-71, 206-72, 206-73, or 206-74 (permit re-issuance) and which has applied for a permit amendment in accordance with section 206-81 or 206-82 in the event of a major modification, as defined in section 206-20.
 - (2) Any source which has a part 70 permit that has been issued in accordance with section 206-71, 206-72, 206-73, or 206-74 (permit re-issuance) and which in accordance with the requirements of section 206-81 or 206-82 is not required to apply for a permit amendment for the building, erecting, altering, or replacing contemplated.

GOVERNMENT OF
THE VIRGIN ISLANDS OF THE UNITED STATES
DEPARTMENT OF PLANNING AND NATURAL RESOURCES
AIR POLLUTION CONTROL

APPLICATION INFORMATION
GENERAL

A separate application is required for each unit of basic equipment (equipment the use of which may cause the issuance of air contaminants). Such a unit may consist of one individual item, or a group of two or more items. A separate application is also required for each air pollution control system (equipment which eliminates or reduces the emission of air contaminants).

With each application for authority to construct and permit to operate, the following data, specifications, plans and drawings must be submitted in DUPLICATE.

1. EQUIPMENT LOCATION DRAWING: The drawing or sketch submitted must be to scale (suggested scale: 1 inch=100 feet; accuracy of measurements to the nearest 5 feet will be satisfactory) and must show at least the following:
 - a. The property involved and outlines and heights of all buildings on it. Identify property lines plainly.
 - b. Location and identification of the proposed equipment on the property.
 - c. Location of the property with respect to streets and adjacent properties. Identify adjacent properties.
2. DESCRIPTION OF EQUIPMENT. State make, model, size and type of either the entire unit or for its major parts.
3. DESCRIPTION OF PROCESS. The application must be accompanied by a written description of each process to be carried out in the equipment of the function of the equipment itself in the process. The descriptions must be complete and in detail concerning all operations. Particular attention must be given to explaining all stages in the process where the discharge of any materials might contribute in any way to air pollution. All obtained data must be supplied concerning the nature, volumes, particle sizes, weights and concentrations of all type of air contaminants that may be discharged at each stages in the process. Similarly, control procedures must be described in sufficient detail to show the extent of control of air contaminants anticipated in the design. Specifying the expected efficiency of the control devices.
4. OPERATING SCHEDULE. Specify the hours per day and days per week the equipment is to be operated.

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5. PROCESS WEIGHT. Detail type and total weight of each material charged into the equipment or the process on the basis of pounds per hour or per other specified unit of time.
6. FUELS AND BURNERS USED. Indicate for fuel gas-type and cubic feet per hour; for fuel oil-grade and gallons per hour (specify temperature to which oil is preheated); for solid fuels-type and pounds per hour; indicate for burners-make, model, size, type, number of burners, and capacity range of each burner (from minimum to maximum).
7. FLOW DIAGRAM. For continuous processes, show the flow of materials either on a separate flow diagram or on the drawings accompanying the application.
8. DRAWINGS OF EQUIPMENT. (See NOTE below). Supply an assembly drawing, dimensioned and to scale, in plan, elevation and as many sections as are needed to show clearly the design and operation of the equipment and the means by which air contaminants are controlled. The following must be shown:
 - a. Size and shape of the equipment. Show exterior and interior dimensions and features.
 - b. Locations, sizes and shape details of all features which may effect the production, collection, conveying or control of air contaminants of any kind; location, size and shape details concerning all materials handling equipment.
 - c. All data and calculations used in selecting or designing the equipment.
 - d. Horsepower rating of all electric motors driving the equipment.
9. RADIOACTIVE MATERIAL. Describe any use or processing of radioactive material.

NOTE: Structural design calculations and details are not required. When standard commercial equipment is to be installed, the manufacturer's catalog describing the equipment may be submitted in lieu of the parts of item 8 that it covers. All information required above that the catalog does not contain must be submitted by the applicant.

ADDITIONAL INFORMATION MAY BE REQUIRED.

After authority to construct or to install is granted for any equipment, deviations from the approved plans are not permissible without first securing additional approval for the changes from the Air Pollution Control Officer.

Further information or clarification concerning permits can be obtained by writing or calling the Division of Environmental Protection Office at 774-3320 or 773-0565.

**GOVERNMENT OF
THE VIRGIN ISLANDS OF THE UNITED STATES
DEPARTMENT OF PLANNING AND NATURAL RESOURCES
AIR POLLUTION CONTROL**

APPLICATION

AUTHORITY TO CONSTRUCT AND PERMIT TO OPERATE

INSTRUCTIONS

- A. This application must be filled out completely and must be filed in TRIPLICATE.
- B. Applications are incomplete unless accompanied by DUPLICATE copies of all plans, specifications and drawings required. Details required for specific equipment are listed on separate forms which are available upon request.

INCOMPLETE APPLICATIONS ARE NOT ACCEPTABLE!

Date of Application: _____

1. Permit to be issued to: (Business License Name of Corporation, Company, Individual Owner or Government Agency that is to operate the equipment):

2. Mailing Address:
Post Office Box: _____ City: _____
Island: _____ Zip: _____
3. Address at which the equipment is to be operated:
Number: _____ Street: _____
Island: _____ Zip: _____
4. Type of Organization: Corporation _____ Individual Owner _____
Partnership: _____ Government Agency _____
5. General Nature of Business: _____
6. Equipment Description: Pursuant to the Provisions of the U.S. Virgin Islands Code and the Rules and Regulations of the Air Pollution Control Region, application is hereby made for authority to construct and permit to operate the following equipment:

SECTION A.

1. _____ New process equipment and air pollution control apparatus.
 _____ New air pollution control apparatus on existing process equipment.
 _____ New process equipment with no control apparatus.
 _____ Other: _____
2. Prior permit numbers covering this installation. Specify _____
3. Estimated starting Date: _____ Est. Completion: _____

SECTION B.

1. Description of operation _____

 2. Identify process equipment _____

 3. Raw materials (names) _____

- Total pounds per hour _____ Total pounds per batch _____
4. Operating procedure:
 _____ Continuous: _____ hrs. per day _____ days per _____ week _____ month
 _____ Batch: _____ hrs. per batch _____ batches per _____ day _____ week

SECTION C.

Physical and chemical nature of air contaminants which must evolve from operation and be emitted into the open air:

AIR CONTAMINANTS	AMOUNT OF CONTAMINANTS	
	WITH CONTROL APPARATUS	WITHOUT CONTROL APPARATUS

SECTION D.

1. Describe air pollution control apparatus _____

2. Efficiency of control apparatus: _____ %
3. Height of discharge above ground: _____ ft.
4. Distance from discharge to nearest property line: _____ ft.
5. Volume of gas discharged into open air: _____ cu. ft. per min.
at stack conditions.
6. Exit linear velocity at point of discharge: _____ ft. per min.
at stack conditions.
7. Temperature at point of discharge: _____ °F.
8. Will emissions comply with local requirements? _____
9. Initial cost of control apparatus: \$ _____
10. Estimated annual operating cost: \$ _____

This application is submitted in accordance with the provisions of the Virgin Islands Code 12, Chapter 9, Air Quality Control Regulations Section 206-20, and to the best of my knowledge and belief is true and correct.

Signature - all copies_____
Name (print or type)_____
Mailing Address_____
Title_____
Zip Code_____
Telephone No.**DO NOT WRITE BELOW****AUTHORITY TO CONSTRUCT AND PERMIT TO OPERATE**

Application for permission to construct, install or alter the equipment and/or control apparatus as set forth above is
APPROVED.

Date _____

Approved by: _____

Permit No. _____

Supervisor, Permits & Certificates

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