

NEW HAMPSHIRE CODE OF ADMINISTRATIVE RULES

CHAPTER Env-A 1400 REGULATED TOXIC AIR POLLUTANTS

Statutory Authority: RSA 125-I:6

PART Env-A 1401 PURPOSE

Env-A 1401.01 Purpose. The purpose of this chapter is to prevent, control, abate and limit the emissions of toxic air pollutants into the ambient air pursuant to RSA 125-I. The ambient air limits are intended to promote public health by reducing human exposure to toxic air pollutants in accordance with RSA 125-I:1.

Source. #4489, EMERGENCY, eff 9-15-88; EXPIRED: 1-13-89

New. #6328, INTERIM, eff 8-24-96, EXPIRED: 12-22-96

New. #6468-B, eff 3-5-97; ss by #8278, eff 2-4-05

PART Env-A 1402 APPLICABILITY

Env-A 1402.01 Applicability.

(a) This chapter shall apply to the owner or operator of any new, modified, or existing stationary source or device that emits a regulated toxic air pollutant into the ambient air.

(b) An owner or operator of a device or process that meets the criteria of (a), above, shall be exempt from the requirements of this chapter for a particular regulated toxic air pollutant where the emissions of such pollutant are from or result from any of the following sources or activities:

- (1) A mobile source;
- (2) A normal agricultural operation;
- (3) The application of a pesticide regulated pursuant to RSA 430:28 through RSA 430:48;
- (4) The combustion of one or more of the following fuels:
 - a. Coal;
 - b. Natural gas;
 - c. Untreated wood; or
 - d. Virgin petroleum products;
- (5) A gasoline dispensing or storage facility or cargo truck as regulated pursuant to Env-A 1204 or Env-Wm 1404;
- (6) An exempt activity as classified in Env-A 609.03; or
- (7) A pneumatic transfer system for collecting sander dust which uses a baghouse that is operated and maintained in accordance with the manufacturer's specifications.

(c) An owner or operator of a device or process that meets the criteria of (a), above, shall be exempt from the requirements of this chapter for a particular regulated toxic air pollutant where all of the following conditions are met:

- (1) The actual emissions of the pollutant:
 - a. Are less than the annual and 24-hour de minimis emission levels for that pollutant;

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- b. Are less than 50 percent of the annual and 24-hour ambient air limits for that pollutant using the adjusted in-stack concentration method described in Env-A 1405.05; or
 - c. Are less than 50 percent of the annual and 24-hour ambient air limits for that pollutant using the air dispersion modeling analysis method described in Env-A 1405.02;
- (2) Emissions are not subject to treatment or removal by pollution control equipment prior to being emitted to the ambient air; and
- (3) Documentation that emissions meet one of the criteria specified in (1), above, are retained at the site and made available to the department for inspection for as long as the exemption is claimed.

Source. #6468-B, eff 3-5-97; ss by #7859, eff 4-11-03; ss by #8095, eff 6-11-04; ss by #8278, eff 2-4-05

PART Env-A 1403 PERMIT REQUIREMENTS

Env-A 1403.01 Permit Required.

(a) Subject to (b), below, and prior to operating, any owner of a device or process subject to this chapter shall obtain a temporary permit, state permit to operate or title V operating permit in accordance with Env-A 600.

(b) A permit shall not be required for any owner or operator of a device or process otherwise subject to this chapter who demonstrates compliance by one of the methods of demonstrating compliance as stated in Env-A 1405.

(c) A demonstration of compliance shall consist of at least one of the following:

- (1) Results of an air dispersion modeling analysis;
- (2) *De minimis* emission level method;
- (3) In-stack concentration method;
- (4) Adjusted in-stack concentration method; or
- (5) Calculations, results, or analyses from an alternative method of compliance demonstration as specified in Env-A 1405.06.

(d) Documentation for the demonstration of compliance shall be retained at the site and shall be made available to the department for inspection.

Source. #6328, INTERIM, eff 8-24-96, EXPIRED: 12-22-96

New. #6468-B, eff 3-5-97; repealed and reserved by #7859, eff 4-11-03

New. #8278, eff 2-4-05 (from Env-A 1404.01)

PART Env-A 1404 APPLICATION PROCEDURES

Env-A 1404.01 Application Procedures for New or Modified Devices or Processes.

(a) The owner or operator of a new or modified device or process requiring a permit under this chapter shall submit an application for a temporary permit in accordance with Env-A 607.03.

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(b) Pursuant to RSA 125-I:5,I, the owner or operator shall not operate the device or process until a temporary permit is issued.

Source. #6468-B, eff 3-5-97; amd by #6739-B, eff 5-8-98; amd by #7859, eff 4-11-03; amd by #8095, eff 6-11-04; ss and moved by #8278, eff 2-4-05 (from Env-A 1405.01)

Env-A 1404.02 Application Procedures for Existing Sources Requiring a Permit after the List is Revised. Pursuant to RSA 125-I:5, IV, if the department revises the list of regulated toxic air pollutants or their respective ambient air limits or classifications as set forth in Table 1450-1 in Env-A 1450.01, and as a result of such revision any source is required to obtain or modify a permit under the provisions of RSA 125-C or RSA 125-I, the owner or operator of such source shall have 90 days following publication of notice of such final revision in the New Hampshire Rulemaking Register to file a complete application for such permit or permit modification.

Source. #8278, eff 2-4-05 (from Env-A 1405.02)

PART Env-A 1405 METHODS OF DEMONSTRATING COMPLIANCE

Env-A 1405.01 Methods of Demonstrating Compliance.

(a) The owner or operator of any device or process that emits a regulated toxic air pollutant shall determine compliance with the ambient air limits by using one of the methods provided in this part.

(b) Upon request, the owner or operator of any device or process that emits a regulated toxic air pollutant shall provide documentation of compliance with the ambient air limits to the department.

Source. #6328, INTERIM, eff 8-24-96, EXPIRED: 12-22-96

New. #6468-B, eff 3-5-97; ss and moved by #8278, eff 2-4-05 (from Env-A 1406.01)

Env-A 1405.02 Air Dispersion Modeling Analysis. If air dispersion modeling analysis is selected, the owner or operator, or the department at the owner's or operator's request, shall conduct air dispersion modeling analysis demonstrating that the concentration of uncontrolled emissions of each regulated toxic air pollutant is equal to or below the corresponding ambient air limit at or beyond the compliance boundary in accordance with Env-A 606.04.

Source. #6328, INTERIM, eff 8-24-96, EXPIRED: 12-22-96

New. #6468-B, eff 3-5-97; ss by #7859, eff 4-11-03; ss and moved by #8278, eff 2-4-05 (from Env-A 1406.02)

Env-A 1405.03 De Minimis Emission Level Method. If the *de minimis* emission level method is selected, the owner or operator shall demonstrate that the uncontrolled emissions are equal to or below the appropriate *de minimis* level from Table 1450-1 in Env-A 1450.01 when the air flow exiting the vent or stack is unobstructed.

Source. #8278, eff 2-4-05 (from Env-A 1406.03)

Env-A 1405.04 In-stack Concentration Method. If the in-stack concentration method is selected, the owner or operator shall perform a calculation demonstrating that the in-stack concentration of the uncontrolled emissions of each regulated toxic air pollutant, as determined by the following calculations, is equal to or below the corresponding ambient air limit, where:

(a) "X" means:

(1) For devices or processes emitting from one stack, the emission rate of a regulated toxic air pollutant in pounds per hour; or

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(2) For devices or processes emitting from more than one stack, the sum of emission rates of each regulated toxic air pollutant from each stack in pounds per hour;

(b) "Y" means the emission rate of a regulated toxic air pollutant in grams per second as determined by dividing X by 7.94, as in the formula below:

$$Y = \frac{X}{7.94}$$

(c) "Z" means the emission rate of a regulated toxic air pollutant in micrograms per second as determined by multiplying Y by 10^6 , as in the formula below:

$$Z = Y \times 10^6$$

(d) "A" means:

(1) For devices or processes emitting from one stack, the stack volume flow in actual cubic feet per minute; or

(2) For devices or processes emitting from more than one stack, the sum of stack volume flows from each stack in actual cubic feet per minute;

(e) "B" means the stack volume flow in actual cubic meters per second as determined by dividing A by 2119, as in the formula below:

$$B = \frac{A}{2119}$$

(f) The in-stack concentration of a regulated toxic air pollutant in micrograms per cubic meter from a device or process either emitting from a single stack or from more than one stack shall be calculated by dividing Z by B, as in the formula below:

$$\text{In-stack Concentration} = \frac{Z}{B}$$

Source. #8278, eff 2-4-05 (from Env-A 1406.04)

Env-A 1405.05 Adjusted In-stack Concentration Method.

(a) If the adjusted in-stack concentration method is selected, the owner or operator shall perform a calculation pursuant to (b), below, demonstrating that the adjusted in-stack concentration of the uncontrolled emissions of each regulated toxic air pollutant is equal to or below the corresponding ambient air limit when the air flow exiting the vent or stack is unobstructed.

(b) The adjusted in-stack concentration of a regulated toxic air pollutant in micrograms per cubic meter from a device or process either emitting from a single stack or from more than one stack shall be calculated by dividing the in-stack concentration, as determined in accordance with Env-A 1406.04, by 400, as in the formula below:

$$\text{Adjusted In-stack Concentration} = \frac{\text{In-stack Concentration}}{400}$$

Source. #8278, eff 2-4-05 (from Env-A 1406.05)

Env-A 1405.06 Alternative Methods.

(a) Any person may submit a request to the department for approval of the use of a method of determining compliance that is an alternative to the methods specified in this part.

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(b) Any person making such a request shall submit the following information to the department:

- (1) A description of the proposed alternate method and each device or process to which the proposed alternate method will be applied;
- (2) The identity, location, and description of the facility at which the alternate method is proposed to be used;
- (3) The name, chemical abstracts service (CAS) registry number, classification, and ambient air limits for each regulated toxic air pollutant emitted from each device or process subject to Env-A 1400; and
- (4) Technical data and information demonstrating that the results of the proposed alternate method are no less precise and accurate than those of the methods specified in this part.

(c) Within 60 days of receipt of a request, the department shall approve the use of the proposed alternate method and notify the person requesting approval of the decision provided that:

- (1) The request contained all of the information required in (b), above; and
- (2) The results of the proposed alternate method are no less precise than those methods specified in this part.

Source. #8278, eff 2-4-05 (from Env-A 1406.06)

PART Env-A 1406 CLASSIFICATION OF REGULATED TOXIC AIR POLLUTANTS

Env-A 1406.01 Classification of Regulated Toxic Air Pollutants. The department shall classify each regulated toxic air pollutant as a class I regulated toxic air pollutant, class II regulated toxic air pollutant, or class III regulated toxic air pollutant, in accordance with this part.

Source. #6468-B, eff 3-5-97; ss and moved by #8278, eff 2-4-05 (from Env-A 1407.01)

Env-A 1406.02 Criteria for Classification of Class I Regulated Toxic Air Pollutants. The department shall classify a regulated toxic air pollutant as a class I regulated toxic air pollutant if it meets at least one of the following criteria pursuant to RSA 125-I:2, XIV(a):

(a) It is a group A, group B1, or group B2 carcinogen, as described in “Guidelines for Carcinogen Risk Assessment,” 51 Federal Register 33,992, at 34,000 (Sept. 24, 1986);

(b) It is a category A1 or A2 carcinogen, as described in Threshold Limit Values for Chemical Substances and Physical Agents and Biological Exposure Indices, published by the American Conference of Governmental Industrial Hygienists (ACGIH);

(c) It has been demonstrated through at least one study conducted in accordance with generally accepted scientific principles that it is capable of inducing reproductive or developmental effects in experimental laboratory animals at doses less than or equal to 500 mg/kg; or

(d) It has an acute toxicity where the:

- (1) Oral LD₅₀ is less than or equal to 50 mg/kg;
- (2) Inhalation LC₅₀ is less than or equal to 200 ppm; or
- (3) Dermal LD₅₀ is less than or equal to 200 mg/kg.

Source. #6468-B, eff 3-5-97; ss by #7859, eff 4-11-03; ss and moved by #8278, eff 2-4-05 (from Env-A 1407.02)

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Env-A 1406.03 Criteria for Classification of Class II Regulated Toxic Air Pollutants. The department shall classify a regulated toxic air pollutant as a class II regulated toxic air pollutant if it does not qualify as a class I regulated toxic air pollutant and meets at least one of the following criteria pursuant to RSA 125-I:2,XIV(b):

(a) It is a group C carcinogen, as described in “Guidelines for Carcinogen Risk Assessment,” 51 Federal Register 33,992, at 34,000 (Sept. 24, 1986);

(b) It is a category A3 carcinogen, as described in Threshold Limit Values for Chemical Substances and Physical Agents and Biological Exposure Indices, published by the ACGIH;

(c) It has been demonstrated through at least one study conducted in accordance with generally accepted scientific principles, that it is capable of inducing reproductive or developmental effects in experimental laboratory animals at doses greater than 500 mg/kg;

(d) It has an acute toxicity where the:

(1) Oral LD₅₀ is greater than 50 mg/kg but less than 500 mg/kg;

(2) Inhalation LC₅₀ is greater than 200 ppm but less than 2000 ppm; or

(3) Dermal LD₅₀ is greater than 200 mg/kg but less than 1000 mg/kg;

(e) It has been demonstrated through at least one study conducted in accordance with generally accepted scientific principles, that it induces mutagenic effects; or

(f) It has been demonstrated through at least one study conducted in accordance with generally accepted scientific principles that it produces adverse chronic non-carcinogenic systemic effects.

Source. #6468-B, eff 3-5-97; ss by #6739-B, eff 5-8-98; ss by #7859, eff 4-11-03; ss and moved by #8278, eff 2-4-05 (from Env-A 1407.03)

Env-A 1406.04 Criteria for Classification of Class III Regulated Toxic Air Pollutants. The department shall classify a regulated toxic air pollutant as a class III regulated toxic air pollutant if it is any regulated toxic air pollutant other than a regulated toxic air pollutant classified as class I or class II.

Source. #6468-B, eff 3-5-97; ss and moved by #6739-B, eff 5-8-98 (from Env-A 1406.03); ss by #7616, eff 12-28-01; amd by #7859, eff 4-11-03; ss and moved by #8278, eff 2-4-05 (from Env-A 1407.04)

PART Env-A 1407 DESIGNATION OF SAFETY FACTORS

Env-A 1407.01 Designation of Safety Factors. For the purpose of providing adequate protection to sensitive populations, the department shall designate a safety factor to each regulated toxic air pollutant as follows:

(a) For a class I regulated toxic air pollutant, the safety factor shall be 100;

(b) For a class II regulated toxic air pollutant, the safety factor shall be 71; and

(c) For a class III regulated toxic air pollutant, the safety factor shall be 24.

Source. #6468-B, eff 3-5-97; ss and moved by #8278, eff 2-4-05 (from Env-A 1408.01)

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PART Env-A 1408 DESIGNATION OF TIME ADJUSTMENT FACTORS

Env-A 1408.01 Designation of Time Adjustment Factors. For the purpose of considering that certain chemicals have differing effects over time, the department shall designate a time adjustment factor according to the characteristics of the regulated toxic air pollutant. The time adjustment factor shall be used to determine the ambient air limit according to Env-A 1409.02.

Source. #6328, INTERIM, eff 8-24-96, EXPIRED: 12-22-96

New. #6468-B, eff 3-5-97; ss and moved by #8278, eff 2-4-05 (from Env-A 1409.01)

Env-A 1408.02 Criteria for the Designation of Time Adjustment Factors. The department shall designate the time adjustment factors according to the following criteria:

(a) For regulated toxic air pollutants that have an occupational exposure limit which is intended to primarily prevent irritation or discomfort, or for which there are essentially no known cumulative effects resulting from extended exposures to such pollutants at concentration levels at or near the occupational exposure limit, the time adjustment factor shall be 1.0;

(b) For regulated toxic air pollutants that have an occupational exposure limit which is intended to prevent acute exposure effects, the time adjustment factor shall be 2.0;

(c) For regulated toxic air pollutants that have a ceiling limit value set as an occupational exposure limit which was not intended to be exceeded at any time, the time adjustment factor shall be 2.5; and

(d) For regulated toxic air pollutants that have an occupational exposure limit which is set either by technological feasibility or commonly recognized good hygiene practice, or which present cumulative health hazards and have an occupational exposure limit intended to prevent excessive accumulation in the body from extended periods of exposure, or which present both acute and cumulative health hazards, the time adjustment factor shall be 2.8.

Source. #6468-B, eff 3-5-97; ss and moved by #8278, eff 2-4-05 (from Env-A 1409.02)

PART Env-A 1409 DETERMINATION OF 24-HOUR AMBIENT AIR LIMITS

Env-A 1409.01 Determination of 24-Hour Ambient Air Limits.

(a) Where there is a reference concentration limit established by the EPA for a regulated toxic air pollutant, the 24-hour ambient air limit shall be the reference concentration limit if:

(1) The regulated toxic air pollutant causes developmental or reproductive effects; or

(2) The annual ambient air limit is based on the reference concentration limit, and the 24-hour ambient air limit, as calculated in accordance with (b), below, is less than the reference concentration limit.

(b) In all cases other than those specified in (a), above, the 24-hour ambient air limit shall be a modified occupational health standard as determined by the calculation specified in Env-A 1409.02.

Source. #6328, INTERIM, eff 8-24-96, EXPIRED: 12-22-96

New. #6468-B, eff 3-5-97; ss and moved by #8278, eff 2-4-05 (from Env-A 1410.01)

Env-A 1409.02 Calculation of 24-Hour Ambient Air Limits.

(a) "OEL" means the occupational exposure limit for the regulated toxic air pollutant.

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(b) "SF" means the safety factor as determined by Env-A 1407.

(c) "TAF" means the time adjustment factor as determined by Env-A 1408.

(d) To calculate the 24-hour ambient air limit for a regulated toxic air pollutant, occupational exposure limit shall be divided by the product of the safety factor and the time adjustment factor, as in the formula below:

$$AAL_{(24\text{ Hour})} = \frac{OEL}{SF \times TAF}$$

Source. #6328, INTERIM, eff 8-24-96, EXPIRED: 12-22-96

New. #6468-B, eff 3-5-97; ss by #6739-B, eff 5-8-98; ss and moved by #8278, eff 2-4-05 (from Env-A 1410.02)

PART Env-A 1410 DETERMINATION OF ANNUAL AMBIENT AIR LIMITS

Env-A 1410.01 Determination of Annual Ambient Air Limits.

(a) Where there is a reference concentration limit established by the EPA, the annual ambient air limit shall be the reference concentration limit, except as provided in (b), below.

(b) Where a regulated toxic air pollutant has a reference concentration limit established by the EPA and is classified as Class I under Env-A 1406.02(a) or (b), and the occupational exposure limit is based on carcinogenic effects, the annual ambient air limit shall be either a modified occupational health standard as determined by the calculation specified in Env-A 1410.02, or the reference concentration limit established by the EPA, whichever number is lower.

(c) Where there is no reference concentration limit, the annual ambient air limit shall be a modified occupational health standard as determined by the calculation specified in Env-A 1410.02.

Source. #6328, INTERIM, eff 8-24-96, EXPIRED: 12-22-96

New. #6468-B, eff 3-5-97; ss by #8095, eff 6-11-04; ss and moved by #8278, eff 2-4-05 (from Env-A 1411.01)

Env-A 1410.02 Calculation of Annual Ambient Air Limits.

(a) "OEL" means the occupational exposure limit for the regulated toxic air pollutant.

(b) "SF" means the safety factor as determined by Env-A 1407.

(c) To calculate the annual ambient air limit for a regulated toxic air pollutant, the occupational exposure limit shall be divided by the product of 4.2 and the safety factor, as in the formula below:

$$AAL_{(Annual)} = \frac{OEL}{SF \times 4.2}$$

Source. #6328, INTERIM, eff 8-24-96, EXPIRED: 12-22-96

New. #6468-B, eff 3-5-97; amd by #6739-B, eff 5-8-98; ss and moved by #8278, eff 2-4-05 (from Env-A 1411.02)

Env-A 1410.03 Calculation of 24-Hour De Minimis Emission Level. To calculate the 24-hour *de minimis* emission level for a regulated toxic air pollutant in pounds per hour, the 24-hour ambient air limit shall be divided by 127.15.

Source. #8278, eff 2-4-05 (from Env-A 1411.03)

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Env-A 1410.04 Calculation of Annual *De Minimis* Emission Level. The annual *de minimis* emission level for a regulated toxic air pollutant in pounds per year shall be either as calculated in (a) or (b), below, which ever number is lower:

- (a) The annual ambient air limit multiplied by 16.405; or
- (b) The 24-hour *de minimis* emission level multiplied by 365.

Source. #8278, eff 2-4-05 (from Env-A 1411.04)

PART Env-A 1411 THE LIST NAMING ALL REGULATED TOXIC AIR POLLUTANTS AND OTHER INFORMATION

Env-A 1411.01 Establishment of the List Naming all Regulated Toxics Air Pollutants and Other Information.

(a) Pursuant to RSA 125-I:6, II, the department shall establish a list containing the following information:

- (1) The chemical name of each regulated toxic air pollutant;
- (2) The chemical abstracts service number of each regulated toxic air pollutant;
- (3) The classification for each regulated toxic air pollutant;
- (4) The 24-hour ambient air limit for each regulated toxic air pollutant;
- (5) The annual ambient air limit for each regulated toxic air pollutant;
- (6) The 24-hour *de minimis* emission level for each regulated toxic air pollutant; and
- (7) The annual *de minimis* emission level for each regulated toxic air pollutant.

(b) The list shall be published in table format in Env-A 1450.

Source. #6328, INTERIM, eff 8-24-96, EXPIRED: 12-22-96

New. #6468-B, eff 3-5-97; ss by #8095, eff 6-11-04; ss and moved by #8278, eff 2-4-05 (from Env-A 1412.01)

Env-A 1411.02 Adoption of the List Naming all Regulated Toxic Air Pollutants. The list naming all regulated toxic air pollutants and other information as described in Env-A 1411.01 shall be adopted according to the rulemaking process specified in RSA 541-A.

Source. #6328, INTERIM, eff 8-24-96, EXPIRED: 12-22-96

New. #6468-B, eff 3-5-97; amd by #6739-B, eff 5-8-98; ss and moved by #8278, eff 2-4-05 (from Env-A 1412.02)

Env-A 1411.03 Publication of the Notice of the List Naming all Regulated Toxics Air Pollutants and Other Information.

(a) Immediately upon the effective date of the list the department shall submit notice of the list for publication in the New Hampshire Rulemaking Register.

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(b) At that time, and annually thereafter, the list shall be published in a fact sheet and shall be published within any publicly accessible database that is available to the division. The department shall make the list available to any person who requests it.

Source. #6739-B, eff 5-8-98; ss by #7859, eff 4-11-03; ss and moved by #8278, eff 2-4-05 (from Env-A 1412.03)

PART Env-A 1412 MODIFICATION OF THE LIST OF REGULATED TOXIC AIR POLLUTANTS AND OTHER INFORMATION

Env-A 1412.01 Additions or Deletions of a Substance or Compound, or Modification to a Specific Parameter on the List of Regulated Toxic Air Pollutants and Other Information. All additions, deletions and modifications to any part of the list shall be made through the rulemaking process described in RSA 541-A.

Source. #6468-B, eff 3-5-97; ss by #6739-B, eff 5-8-98; amd by #7859, eff 4-11-03; ss and moved by #8278, eff 2-4-05 (from Env-A 1413.01)

Env-A 1412.02 Petition to Add or to Delete a Substance or Compound, or to Modify a Parameter.

(a) If a person wishes to make an addition, deletion or modification to the list, the person shall petition the commissioner pursuant to RSA 541-A:4 at any time to add or delete a substance or compound or to modify a parameter for any substance or compound named on the list described in Env-A 1411.01.

(b) Where data limitations exist which prevent the derivation of an ambient air limit, a person intending to use a substance or compound named on the list shall petition the commissioner in accordance with (c), below.

(c) Petitions shall be submitted in writing to the commissioner with the following information:

(1) The specification of one or more of the following proposed actions:

- a. Add a substance or compound to the list;
- b. Delete a substance or compound from the list;
- c. Modify the classification of a regulated toxic air pollutant named on the list;
- d. Modify or add an ambient air limit of a regulated toxic air pollutant named on the list;
- e. Modify a time adjustment factor of a regulated toxic air pollutant named on the list;
- f. Modify an occupational exposure limit of a regulated toxic air pollutant named on the list; or
- g. Modify a *de minimis* emission level of a regulated toxic air pollutant named on the list; and

(2) A statement of the reason(s) with data and documentation which support the proposed revision to the list based on at least one study that has been conducted in accordance with generally accepted scientific principles which demonstrates:

a. For each proposed addition to the list, that the substance or compound is known to cause or can reasonably be anticipated to cause in humans as a result of exposure to such substance or compound, any of the health effects as listed below:

1. Acute;
2. Chronic;

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3. Mutagenic;
4. Reproductive; or
5. Developmental;

b. For each proposed deletion from the list, that the substance or compound cannot reasonably be anticipated to cause in humans as a result of exposure to such substance or compound, any of the health effects as listed in a., above; or

c. For each modification to the list, that the parameter in question causes the substance or compound to be:

1. In the case of a petition for stricter regulatory control of the substance or compound, known to cause or can reasonably be anticipated to cause any of the health effects as listed in a., above, in humans, as a result of exposure to the regulated toxic air pollutant at such parameter; or

2. In the case of a petition for more lenient regulatory control of a substance or compound, not reasonably anticipated to cause any of the health effects as listed in a., above, in humans, as a result of exposure to the regulated toxic air pollutant at such parameter.

Source. #6468-B, eff 3-5-97; ss and moved by #8278, eff 2-4-05 (from Env-A 1413.02)

Env-A 1412.03 Decision to Grant or Deny the Petition. In accordance with RSA 541-A:4, the commissioner shall grant or deny the petition based on whether the proposed revision ensures the promotion of public health.

Source. #6468-B, eff 3-5-97; ss and moved by #8278, eff 2-4-05 (from Env-A 1413.03)

PART Env-A 1413 REQUIREMENTS FOR SOURCES OF HAZARDOUS AIR POLLUTANTS SUBJECT TO SECTION 112 OF THE CLEAN AIR ACT

Env-A 1413.01 Requirements for Sources of Hazardous Air Pollutants Subject to Section 112 of the Act. All sources of hazardous air pollutants subject to section 112 of the Clean Air Act shall comply with section 112 of the Clean Air Act.

Source. #6468-B, eff 3-5-97; ss and moved by #8278, eff 2-4-05 (from Env-A 1414.01)

PART Env-A 1414 - RESERVED

Source. #6468-B, eff 3-5-97; moved by #8278 (See Env-A 1413)

PART Env-A 1415 - 1449 - RESERVED

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PART Env-A 1450 TABLE CONTAINING THE LIST NAMING ALL REGULATED TOXIC AIR POLLUTANTS

Env-A 1450.01 Table Containing the List Naming all Regulated Toxic Air Pollutants.

(a) Pursuant to Env-A 1411.01, the list naming all regulated toxic air pollutants and other information shall be as set forth in table 1450-1, below:

Table 1450-1

CAS Number	Description	Toxicity Class ^A	24-Hr AAL (µg/m ³)	Annual AAL ^B (µg/m ³)	24-Hr <i>De Minimis</i> ^C (lbs/day)	Annual <i>De Minimis</i> (lbs/yr)
0-00-0	Aliphatic hydrocarbon gases: Alkane C1 - C4 (measured as butane) ^D	III	35374	23582	278	101,545
0-00-0	Coal Dust (anthracite)	II	2.0	1.3	0.016	5.8
0-00-0	Coal Dust (bituminous)	II	4.5	3.0	0.036	13
0-00-0	Continuous Filament Glass Fiber (respirable)	II				E
0-00-0	Continuous Filament Glass Fiber (inhalable)	II	70	17	0.55	202
0-00-0	Cotton	III	3.0	2.0	0.023	8.5
0-00-0	Fibrous Glass Dust	II	141	34	1.1	404
0-00-0	Flour Dust	III	21	5.0	0.17	60
0-00-0	Fluorides, as F	I	8.9	6.0	0.070	26
0-00-0	Glass Wool Fibers (length>5, diam.<3)	II				E
0-00-0	Glycol ethers not otherwise regulated ^G					E
0-00-0	Grain Dust (Oat, Wheat, Barley)	II	20	13	0.16	58
0-00-0	Hexane, isomers other than n-Hexane (CAS Number 110-54-3)	II	885	700	7.0	2541
0-00-0	Iron Salts, soluble	III	42	9.9	0.33	120

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0-00-0	Mineral Wool Fibers	II	141	34	1.1	404
0-00-0	Pentyl acetate (all isomers) ^F	III	11096	2642	87	31852
0-00-0	Polytetraflouroethylene, decomposition products	II				E
0-00-0	Refractory ceramic fibers	I	0.71	0.48	0.0056	2.0
0-00-0	Rock Wool Fibers (length>5, diameter<3)	II				E
0-00-0	Slag Wool Fibers (length>5,diam.<3)	II				E
0-00-0	Soapstone (inhalable dust)	II	30	20	0.24	87
0-00-0	Soapstone (respirable dust)	II	15	10	0.12	43
0-00-0	Special Purpose Glass Fiber (length>5, diam.<3)	II				E
0-00-0	Stearates	II	50	34	0.40	144
0-00-0	Welding Fumes (not otherwise classified)	II	25	17	0.20	72
0-00-0	Wood Dust (western red cedar) (See Env-A 1450.01(b))	II	2.5	1.7	0.02	7
0-00-0	Wood Dust (oak and beech) (See Env-A 1450.01(b))	I	3.6	2.4	0.03	10
0-00-0	Wood Dust (birch, mahogany, teak, and walnut) (See Env-A 1450.01(b))	I	3.6	2.4	0.03	10
0-00-0	Wood Dust (all other species) (See Env-A 1450.01(b))	III	15	9.9	0.1	43
50-00-0	Formaldehyde	I	1.3	0.88	0.010	3.8
50-29-3	DDT	I	3.6	2.4	0.028	10

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50 – 32 – 8	Benzo[a]pyrene	I	0.0050	0.0050	0.000039	0.014
50 – 78 – 2	Acetylsalicylic acid	I	25	12	0.20	72
51 – 28 – 5	2,4-Dinitrophenol					E
51 – 79 – 6	Ethyl carbamate (Urethane)					E
52 – 68 – 6	Trichlorophon	I	3.6	2.4	0.028	10
53 – 96 – 3	2-Acetylaminofluorene	I				E
54 – 11 – 5	Nicotine	I	1.8	1.2	0.014	5.1
55 – 38 – 9	Fenthion – inhalable fraction and vapor	I	0.18	0.12	0.0014	0.51
55 – 63 – 0	Nitroglycerin (NG)	I	1.6	1.1	0.013	4.7
56 – 23 – 5	Carbon tetrachloride	I	111	74	0.87	318
56 – 38 – 2	Parathion	I	0.18	0.12	0.0014	0.51
56 – 55 – 3	Benz[a]anthracene	I	0.36	0.24	0.0028	1.0
56 – 72 – 4	Coumaphos – inhalable fraction and vapor	I	0.18	0.12	0.0014	0.51
56 – 81 – 5	Glycerin mist	I	36	24	0.28	103
57 – 12 – 5	Cyanide	I	18	12	0.14	51
57 – 14 – 7	1,1-Dimethylhydrazine	I	0.089	0.060	0.00070	0.26
57 – 24 – 9	Strychnine	I	0.54	0.36	0.0042	1.5
57 – 50 – 1	Sucrose	II	50	34	0.40	144
57 – 57 – 8	Propiolactone	I	7.5	3.6	0.059	22
57 – 74 – 9	Chlordane	I	1.8	0.70	0.014	5.1

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58 – 89 – 9	Lindane	I	1.8	1.2	0.014	5.1
59 – 89 – 2	N-Nitrosomorpholine					E
60 – 11 – 7	4-Dimethylaminoazobenzene	I				E
60 – 29 – 7	Ethyl ether	I	4321	2881	34	12405
60 – 34 – 4	Methyl hydrazine	I	0.068	0.045	0.00053	0.19
60 – 35 – 5	Acetamide					E
60 – 57 – 1	Dieldrin	I	0.89	0.60	0.0070	2.6
61 – 82 – 5	Amitrole	I	0.71	0.48	0.0056	2.0
62 – 53 – 3	Aniline	I	27	1.0	0.21	16
62 – 73 – 7	Dichlorvos	I	0.50	0.50	0.0039	1.4
62 – 74 – 8	Sodium fluoroacetate	I	0.18	0.12	0.0014	0.51
62 – 75 – 9	N-Nitrosodimethylamine	I	0.0010	0.0010	0.0000079	0.0029
63 – 25 – 2	Carbaryl	I	18	12	0.14	51
64 – 17 – 5	Ethanol	II	9457	6304	74	27147
64 – 18 – 6	Formic acid	II	66	32	0.52	190
64 – 19 – 7	Acetic Acid	II	126	84	1.0	362
64 – 67 – 5	Diethyl Sulfate	II	1.0	0.67	0.0079	2.9
67 – 56 – 1	Methanol	II	1318	879	10	3783
67 – 63 – 0	Isopropanol	I	1757	1171	14	5044
67 – 64 – 1	Acetone	I	4243	2829	33	12180
67 – 66 – 3	Chloroform	I	175	117	1.4	502

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67 – 72 – 1	Hexachloroethane	I	35	23	0.27	99
68 – 11 – 1	Thioglycolic acid	I	19	9.0	0.15	55
68 – 12 – 2	Dimethylformamide	I	107	30	0.84	307
71 – 23 – 8	n-Propyl alcohol	II	3465	1650	27	9946
71 – 36 – 3	n-Butanol	II	305	203	2.4	875
71 – 43 – 2	Benzene	I	5.7	3.8	0.045	16
71 – 55 – 6	Methyl chloroform	I	6821	4548	54	19582
72 – 20 – 8	Endrin	I	0.36	0.24	0.0028	1.0
72 – 43 – 5	Methoxychlor	I	36	24	0.28	103
72 – 55 – 9	DDE (1,1-Dichloro-2,2-bis(P-Chlorophenyl))	I	0.10	0.10	0.00081	0.30
74 – 83 – 9	Methyl bromide	II	20	5.0	0.15	56
74 – 84 – 0	Ethane (see Aliphatic hydrocarbon gases)					
74 – 87 – 3	Methyl chloride	I	368	245	2.9	1056
74 – 88 – 4	Methyl iodide	II	60	40	0.47	173
74 – 89 – 5	Methylamine	II	45	21	0.35	129
74 – 90 – 8	Hydrogen cyanide	I	18	3.0	0.14	49
74 – 93 – 1	Methyl mercaptan	II	4.9	3.3	0.039	14
74 – 96 – 4	Ethyl bromide	II	111	74	0.87	318
74 – 97 – 5	Chlorobromomethane	II	5332	3555	42	15306
74 – 98 – 6	Propane (see Aliphatic hydrocarbon gases)					

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74 – 99 – 7	Methyl acetylene	II	8249	5500	65	23681
74 – 99 – 7	Methyl acetylene-propadiene mixture	II	8249	5500	65	23681
75 – 00 – 3	Ethyl chloride		10000	10000	79	28706
75 – 01 – 4	Vinyl chloride	I	9.3	6.2	0.073	27
75 – 02 – 5	Vinyl fluoride	I	6.8	4.5	0.053	19
75 – 05 – 8	Acetonitrile	I	120	60	0.94	344
75 – 07 – 0	Acetaldehyde	I	161	9.0	1.3	148
75 – 08 – 1	Ethyl mercaptan	II	9.2	4.4	0.072	26
75 – 09 – 2	Methylene chloride (Dichloromethane)	I	621	414	4.9	1783
75 – 12 – 7	Formamide	II	91	60	0.71	260
75 – 15 – 0	Carbon disulfide	I	700	700	5.5	2009
75 – 18 – 3	Dimethyl sulfide	III	529	252	4.2	1519
75 – 21 – 8	Ethylene oxide	I	6.4	4.3	0.051	18
75 – 25 – 2	Bromoform	I	19	12	0.15	53
75 – 28 – 5	Isobutane (see Aliphatic hydrocarbon gases)					
75 – 31 – 0	Isopropylamine	II	85	40	0.66	243
75 – 34 – 3	1,1-Dichloroethane	II	2037	1358	16	5848
75 – 35 – 4	Vinylidene chloride	II	200	200	1.6	574
75 – 38 – 7	Vinylidene fluoride	III	54583	12996	429	156687
75 – 43 – 4	Dichlorofluoromethane	II	211	141	1.7	606

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75 – 44 – 5	Phosgene	I	1.4	0.30	0.011	4.1
75 – 45 – 6	Chlorodifluoromethane		50000	50000	393	143531
75 – 47 – 8	Iodoform	II	70	34	0.55	202
75 – 50 – 3	Trimethylamine	II	60	40	0.47	172
75 – 52 – 5	Nitromethane	III	744	496	5.9	2136
75 – 55 – 8	Propylene imine	I	17	11	0.13	48
75 – 56 – 9	Propylene oxide	I	17	11	0.13	48
75 – 61 – 6	Difluorodibromomethane	III	17875	8512	141	51312
75 – 63 – 8	Trifluorobromomethane	III	90625	60417	713	260150
75 – 65 – 0	tert-Butanol	II	2134	1016	17	6125
75 – 69 – 4	Trichlorofluoromethane	II	28270	18846	222	81153
75 – 71 – 8	Dichlorodifluoromethane	III	73661	49107	579	211453
75 – 74 – 1	Tetramethyl lead, as Pb	I	0.54	0.36	0.0042	1.5
75 – 86 – 5	Acetone cyanohydrin	I	18	12	0.14	52
75 – 99 – 0	2,2-dichloropropionic acid	III	74	50	0.58	212
76 – 03 – 9	Trichloroacetic acid	II	34	22	0.27	98
76 – 06 – 2	Chloropicrin	I	3.4	1.6	0.026	9.6
76 – 11 – 9	1,1,1,2-Tetrachloro-2,2-difluoroethane	II	20976	13984	165	60214
76 – 12 – 0	1,1,2,2-Tetrachloro-1,2-difluoroethane	II	20976	13984	165	60214
76 – 13 – 1	1,1,2-Trichloro-1,2,2-trifluoroethane	II	38581	25721	303	110753

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76 – 14 – 2	Dichlorotetrafluoroethane	III	104018	69345	818	298597
76 – 15 – 3	Chloropentafluoroethane	III	263333	62698	2071	755931
76 – 22 – 2	Camphor, synthetic	II	85	40	0.66	243
76 – 44 – 8	Heptachlor	I	0.18	0.12	0.0014	0.51
77 – 47 – 4	Hexachlorocyclopentadiene (HCCPD)	II	0.55	0.20	0.0044	1.6
77 – 58 – 7	Dibutyltin dilaurate (as Tin, organic cmpds)	I	0.36	0.24	0.0028	1.0
77 – 73 – 6	Dicyclopentadiene	I	96	64	0.76	276
77 – 78 – 1	Dimethyl sulfate	I	1.9	1.2	0.015	5.3
78 – 00 – 2	Tetraethyl lead, as Pb	I	0.36	0.24	0.0028	1.0
78 – 10 – 4	Ethyl silicate	III	1265	843	9.9	3631
78 – 30 – 8	Triorthocresyl phosphate	II	0.50	0.34	0.0040	1.4
78 – 34 – 2	Dioxathion	I	0.36	0.24	0.0028	1.0
78 – 59 – 1	Isophorone	II	141	94	1.1	404
78 – 78 – 4	Pentane	III	36875	17560	290	105854
78 – 83 – 1	Isobutyl alcohol	II	765	510	6.0	2195
78 – 87 – 5	Propylene dichloride (1,2-dichloropropane)	II	232	4.0	1.8	66
78 – 89 – 7	2-Chloro-1-propanol	II	27	13	0.21	78
78 – 92 – 2	sec-Butanol	II	2134	1016	17	6125
78 – 93 – 3	Methyl ethyl ketone (MEK)		5000	5000	39	14353
78 – 94 – 4	Methyl vinyl ketone	I	2.3	1.4	0.018	6.6

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78 – 95 – 5	Chloroacetone	I	15	9.0	0.12	44
79 – 00 – 5	1,1,2-Trichloroethane	II	277	184	2.2	794
79 – 01 – 6	Trichloroethylene	I	961	640	7.6	2759
79 – 04 – 9	Chloroacetyl chloride	II	1.6	0.77	0.013	4.6
79 – 06 – 1	Acrylamide	I	0.11	0.071	0.00084	0.31
79 – 09 – 4	Propionic acid	II	211	101	1.7	606
79 – 10 – 7	Acrylic acid	I	21	1.0	0.17	16
79 – 11 – 8	Monochloroacetic acid (Chloroacetic acid) –inhalable fraction and vapor	III	29	19	0.23	83
79 – 20 – 9	Methyl acetate	III	9018	6012	71	25887
79 – 24 – 3	Nitroethane	III	4568	3046	36	13114
79 – 27 – 6	1,1,2,2-Tetrabromoethane (Acetylene tetrabromide) – inhalable fraction and vapor	I	5.0	3.4	0.040	14
79 – 34 – 5	1,1,2,2-Tetrachloroethane	I	25	16	0.19	71
79 – 41 – 4	Methacrylic acid	II	352	235	2.8	1011
79 – 44 – 7	Dimethyl carbamoyl chloride	I				E
79 – 46 – 9	2-Nitropropane	I	129	20	1.0	328
80 – 51 – 3	p,p'-oxybis(benzenesulfonyl hydrazide)	III	4.2	0.99	0.033	12
80 – 56 – 8	Pinene (alpha)	II	558	372	4.4	1603
80 – 62 – 6	Methyl methacrylate	I	732	700	5.8	2101
81 – 81 – 2	Warfarin	I	0.36	0.24	0.0028	1.0

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82 – 68 – 8	Pentachloronitrobenzene	I	1.8	1.2	0.014	5.1
83 – 26 – 1	Pindone	I	0.36	0.24	0.0028	1.0
83 – 79 – 4	Rotenone	I	18	12	0.14	51
84 – 66 – 2	Diethyl phthalate	II	25	17	0.20	72
84 – 74 – 2	Dibutyl phthalate	II	25	17	0.20	72
85 – 01 – 8	Phenanthrene (as coal tar pitch volatile)	I	0.71	0.48	0.0056	2.1
85 - 42 - 7	Hexahydrophthalic anhydride	II	0.0025	0.0017	0.000020	0.0072
85 – 44 – 9	Phthalic anhydride	I	22	15	0.17	63
86 – 50 – 0	Azinphos-methyl	I	0.71	0.48	0.0056	2.1
86 – 88 – 4	ANTU	I	1.1	0.71	0.0084	3.1
87 – 68 – 3	Hexachlorobutadiene	I	1.1	0.50	0.0083	3.0
87 – 86 – 5	Pentachlorophenol	I	1.8	1.2	0.014	5.1
88 – 06 – 2	2,4,6-Trichlorophenol	I	3.0	3.0	0.024	8.6
88 – 12 – 0	N-Vinyl-2-pyrrolidone	II	3.4	2.3	0.027	10
88 – 72 – 2	Nitrotoluene	I	39	26	0.31	113
88 – 89 – 1	Picric acid	II	0.50	0.34	0.0040	1.4
89 – 72 – 5	o-sec-Butylphenol	II	218	104	1.7	627
90 – 04 – 0	o-Anisidine	II	2.5	1.7	0.020	7.2
91 – 08 – 7	2,6-Toluene diisocyanate (as TDI)	I	0.13	0.086	0.0010	0.37
91 – 20 – 3	Naphthalene	I	186	3.0	1.5	49

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91 – 22 – 5	Quinoline	I	0.0029	0.0029	0.000022	0.0082
91 – 59 – 8	β-Naphthylamine	I	0.018	0.012	0.00014	0.052
91 – 94 – 1	3,3-Dichlorobenzidine	I	0.078	0.078	0.00061	0.22
92 – 52 – 4	Biphenyl	II	6.5	4.4	0.051	19
92 – 67 – 1	4-Aminodiphenyl	I	0.025	0.016	0.0019	0.071
92 – 84 – 2	Phenothiazine	II	35	17	0.28	101
92 – 87 – 5	Benzidine	I	0.0010	0.0010	0.0000079	0.0029
92 – 93 – 3	4-Nitrodiphenyl	I				^E
93 – 76 – 5	2,4,5-T	I	36	24	0.28	103
94 – 36 – 0	Benzoyl peroxide	II	25	17	0.20	72
94 – 75 – 7	2,4-D	I	36	24	0.28	103
95 – 13 – 6	Indene	III	714	476	5.6	2050
95 – 47 – 6	Xylene, o-isomers	I	1550	100	12	1641
95 – 48 – 7	o-Cresol	II	111	74	0.87	318
95 – 49 – 8	o-Chlorotoluene	I	925	617	7.3	2655
95 – 50 – 1	o-Dichlorobenzene	I	536	357	4.2	1538
95 – 52 – 4	Biphenyl	II	6.5	4.4	0.051	19
95 – 53 – 4	o-Toluidine	I	31	21	0.25	90
95 – 54 – 5	o-Phenylenediamine	I	0.36	0.24	0.0028	1.0

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95 – 63 – 6	1,2,4-Trimethylbenzene (as Trimethylbenzene)	II	619	412	4.9	1776
95 – 80 – 7	Toluene-2,4-diamine	I	7.1	4.8	0.056	21
95 – 95 – 4	2,4,5-Trichlorophenol					E
96 – 09 – 3	Styrene Oxide					E
96 – 12 – 8	1,2-Dibromo-3-chloropropane	I	0.20	0.20	0.0016	0.57
96 – 18 – 4	1,2,3-Trichloropropane	I	214	143	1.7	615
96 – 22 – 0	Diethyl ketone	II	4965	2364	39	14253
96 – 33 – 3	Methyl acrylate	II	35	23	0.28	101
96 – 45 – 7	Ethylene thiourea	I	0.97	0.97	0.0076	2.8
96 – 69 – 5	4,4-Thiobis (6-tert-butyl-m-cresol)	II	50	34	0.40	144
97 – 77 – 8	Disulfiram	I	7.1	4.8	0.056	21
98 – 00 – 0	Furfuryl alcohol	II	282	134	2.2	809
98 – 01 – 1	Furfural	II	40	26	0.31	114
98 – 07 – 7	Benzotrichloride	I	0.0030	0.0030	0.000024	0.0086
98 – 51 – 1	p-tert-Butyl toluene	II	31	20	0.24	88
98 – 82 – 8	Cumene	II	1237	400	9.7	3552
98 – 83 – 9	Methyl styrene	II	1704	812	13	4892
98 – 86 – 2	Acetophenone (including benzene from gasoline)	II	246	164	1.9	706
98 – 88 – 4	Benzoyl chloride	II	14	9.4	0.11	40
98 – 95 – 3	Nitrobenzene	I	18	12	0.14	51

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99 – 08 – 1	Nitrotoluene	I	39	26	0.31	113
99 – 65 – 0	Dinitrobenzene	I	3.6	2.4	0.028	10
99 – 99 – 0	Nitrotoluene	I	39	26	0.31	113
100 – 00 – 5	p-Nitrochlorobenzene	I	2.3	1.5	0.018	6.6
100 – 01 – 6	p-Nitroaniline	I	11	7.1	0.084	31
100 – 02 – 7	4-Nitrophenol					E
100 – 21 – 0	Terephthalic acid	II	50	34	0.40	144
100 – 25 – 4	Dinitrobenzene	II	5.0	3.4	0.040	14
100 – 37 – 8	2-Diethylaminoethanol	II	48	32	0.38	139
100 – 40 – 3	4-Vinyl cyclohexene	II	2.2	1.5	0.017	6.4
100 – 41 – 4	Ethyl benzene		1000	1000	7.9	2871
100 – 42 – 5	Styrene, monomer	I	1000	1000	7.9	2871
100 – 44 – 7	Benzyl chloride	I	19	12	0.15	55
100 – 61 – 8	N-methyl aniline	III	92	22	0.72	263
100 – 63 – 0	Phenylhydrazine	II	2.2	1.5	0.017	6.4
100 – 74 – 3	N-Ethylmorpholine	II	169	80	1.3	485
101 – 14 – 4	4,4-Methylene bis (2-chloroaniline)	I	0.39	0.26	0.0031	1.1
101 – 68 – 8	Methylene bisphenyl isocyanate	I	0.18	0.020	0.0014	0.33
101 – 77 – 9	4,4-Methylene dianiline	II	4.1	2.7	0.032	12
101 – 84 – 8	Phenyl ether	III	104	69	0.82	299

NEW HAMPSHIRE CODE OF ADMINISTRATIVE RULES

CAS Number	Description	Toxicity Class ^A	24-Hr AAL (µg/m ³)	Annual AAL ^B (µg/m ³)	24-Hr <i>De Minimis</i> ^C (lbs/day)	Annual <i>De Minimis</i> (lbs/yr)
102 – 54 – 5	Dicyclopentadienyl iron	II	50	34	0.39	144
102 – 71 – 6	Triethanolamine	II	25	17	0.20	72
102 – 81 – 8	2-N-Dibutylaminoethanol	II	18	12	0.14	51
104 – 94 – 9	p-Anisidine	II	2.5	1.7	0.020	7.2
105 – 46 – 4	sec-Butyl acetate	III	39583	9425	311	113629
105 – 60 – 2	Caprolactam	I	18	12	0.14	51
106 – 35 – 4	Ethyl butyl ketone	III	4875	2321	38	13994
106 – 42 – 3	Xylene, p-isomers	I	1550	100	12	1641
106 – 44 – 5	p-Cresol	II	111	74	0.87	318
106 – 46 – 7	p-Dichlorobenzene		800	800	6.3	2297
106 – 49 – 0	p-Toluidine	II	44	30	0.35	127
106 – 50 – 3	p-Phenylenediamine	II	0.50	0.34	0.0040	1.4
106 – 51 – 4	Quinone	I	1.6	1.0	0.012	4.5
106 – 87 – 6	Vinyl cyclohexene dioxide	I	2.0	1.4	0.016	5.8
106 – 88 – 7	1,2-Epoxybutane		20	20	0.16	57
106 – 89 – 8	Epichlorohydrin	I	6.8	1.0	0.053	16
106 – 92 – 3	Allyl glycidyl ether	II	23	16	0.18	67
106 – 93 – 4	Ethylene dibromide	I	0.050	0.050	0.00039	0.14
106 – 94 – 5	1-Bromopropane	III	2096	499	16	6017
106 – 97 – 8	Butane (see Aliphatic hydrocarbon gases)					

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106 – 99 – 0	1,3-Butadiene	I	2	2	0.016	5.7
107 – 02 – 8	Acrolein	I	0.82	0.020	0.0064	0.33
107 – 05 – 1	Allyl chloride	I	11	1.0	0.087	16
107 – 06 – 2	Ethylene dichloride	I	143	95	1.1	410
107 – 07 – 3	Ethylene chlorohydrin	I	12	7.9	0.093	34
107 – 13 – 1	Acrylonitrile	I	15	2.0	0.12	33
107 – 15 – 3	Ethylenediamine	II	176	84	1.4	505
107 – 18 – 6	Allyl alcohol	I	4.3	2.9	0.034	12
107 – 19 – 7	Propargyl alcohol	I	8.2	5.5	0.065	24
107 – 20 – 0	Chloroacetaldehyde	II	16	11	0.13	46
107 – 21 – 1	Ethylene glycol	II	503	335	4.0	1444
107 – 22 – 2	Glyoxal	II	0.70	0.34	0.0055	2.0
107 – 30 – 2	Chloromethyl methyl ether	I				^E
107 – 31 – 3	Methyl formate	III	10250	2440	81	29424
107 – 41 – 5	Hexylene glycol	III	2017	1200	16	5789
107 – 49 – 3	TEPP	I	0.17	0.11	0.0013	0.48
107 – 66 – 4	Dibutyl phosphate	III	358	85	2.8	1028
107 – 87 – 9	Methyl propyl ketone	III	14688	6994	116	42162
107 – 98 – 2	Propylene glycol monomethyl ether	II	2000	2000	16	5741
108 – 01 – 0	N-Dimethylaminoethanol	II	91	60	0.71	260

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108 – 03 – 2	1-Nitropropane	II	458	305	3.6	1314
108 – 05 – 4	Vinyl acetate	I	200	200	1.6	574
108 – 10 – 1	Methyl isobutyl ketone (MIBK)	I	3000	3000	24	8612
108 – 11 – 2	Methyl isobutyl carbinol	III	4333	1032	34	12439
108 – 18 – 9	Diisopropylamine	II	148	70	1.2	425
108 – 20 – 3	Isopropyl ether	III	21667	10317	170	62197
108 – 21 – 4	Isopropyl acetate	III	8708	4147	68	24998
108 – 24 – 7	Acetic anhydride	II	148	70	1.2	425
108 – 31 – 6	Maleic anhydride	II	2.0	1.3	0.016	5.8
108 – 38 – 3	Xylene, m-isomers	I	1550	100	12	1641
108 – 39 – 4	m-Cresol	II	111	74	0.87	318
108 – 44 – 1	m-Toluidine	II	44	30	0.35	127
108 – 45 – 2	m-Phenylenediamine	I	0.36	0.24	0.0028	1.0
108 – 46 – 3	Resorcinol	II	226	151	1.8	650
108 – 67 – 8	1,3,5-Trimethylbenzene (as Trimethylbenzene)	II	619	412	4.9	1776
108 – 83 – 8	Disobutyl ketone	III	3021	1438	24	8672
108 – 84 – 9	sec-Hexyl acetate	III	6146	2927	48	17642
108 – 87 – 2	Methylcyclohexane	III	23958	15972	188	68774
108 – 88 – 3	Toluene	I	5000	5000	39	14353
108 – 90 – 7	Chlorobenzene	II	231	154	1.8	664

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108 – 91 – 8	Cyclohexylamine	I	146	98	1.2	420
108 – 93 – 0	Cyclohexanol	I	736	490	5.8	2112
108 – 94 – 1	Cyclohexanone	II	404	269	3.2	1159
108 – 95 – 2	Phenol	I	68	45	0.53	195
108 – 98 – 5	Phenyl mercaptan	I	1.6	1.1	0.013	4.6
109 – 59 – 1	Isopropoxyethanol	II	746	355	5.9	2143
109 – 60 – 4	n-Propyl acetate	III	17396	8284	137	49937
109 – 66 – 0	Pentane	III	36875	17560	290	105854
109 – 73 – 9	n-Butylamine	II	75	50	0.59	217
109 – 79 – 5	Butyl mercaptan	I	9.0	4.286	0.071	26
109 – 86 – 4	2-Methoxyethanol (EGME)		20	20	0.16	57
109 – 87 – 5	Methylal	II	15644	10429	123	44908
109 – 89 – 7	Diethylamine	II	75	50	0.59	215
109 – 94 – 4	Ethyl formate	III	6312	3006	50	18121
109 – 99 – 9	Tetrahydrofuran	II	742	494	5.8	2130
110 – 12 – 3	Methyl isoamyl ketone	III	9750	2321	77	27989
110 – 19 – 0	Isobutyl acetate	III	14854	7073	117	42641
110 – 43 – 0	Methyl amyl ketone	III	4854	2312	38	13934
110 – 49 – 6	2-Methoxyethyl acetate (EGMEA)	I	1.7	1.2	0.014	5.0
110 – 54 – 3	n-Hexane	II	885	700	7.0	2541

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110 – 62 – 3	n-Valeraldehyde	II	1239	590	9.7	3558
110 – 80 – 5	2-Ethoxyethanol (EGEE)		200	200	1.6	574
110 – 82 – 7	Cyclohexane	II	6000	6000	47	17224
110 – 83 – 8	Cyclohexene	II	5080	3387	40	14584
110 – 86 – 1	Pyridine	II	16	11	0.13	47
110 – 91 – 8	Morpholine	II	357	238	2.8	1025
111 – 15 – 9	2-Ethoxyethyl acetate (EGEEA)	I	96	64	0.76	277
111 – 30 – 8	Glutaraldehyde	I	0.71	0.48	0.0056	2.1
111 – 40 – 0	Diethylene triamine	I	21	10	0.17	60
111 – 42 – 2	Diethanolamine	I	10	4.8	0.079	29
111 – 44 – 4	Dichloroethyl ether	I	104	69	0.82	299
111 – 65 – 9	Octane	I	7000	3333	55	20094
111 – 69 – 3	Adiponitrile	I	44	21	0.35	126
111 – 76 – 2	2-butoxyethanol	I	13000	13000	102	37318
111 – 84 – 2	Nonane, all isomers	III	15625	10417	123	44854
112 – 07 – 2	2-Butoxyethyl acetate	II	659	439	5.2	1892
112 – 55 – 0	Dodecyl mercaptan	I	3.0	2.0	0.023	8.5
114 – 26 – 1	Propoxur	I	1.8	1.2	0.014	5.1
115 – 07 – 1	Propylene	III	35833	8532	282	102863
115 – 29 – 7	Endosulfan	I	0.36	0.24	0.0028	1.0
115 – 77 – 5	Pentaerythritol	II	50	34	0.40	144

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115 – 86 – 6	Triphenyl phosphate	III	45	30	0.35	128
115 – 90 – 2	Fensulfothion	I	0.04	0.02	0.0003	0.1
116 – 14 – 3	Tetrafluoroethylene	III	171	81	1.3	491
117 – 81 – 7	Di-sec-octyl phthalate	I	18	12	0.14	52
118 – 52 – 5	1,3-Dichloro-5,5-dimethyl hydantoin	II	1.4	0.67	0.011	4.0
118 – 74 – 1	Hexachlorobenzene	I	0.0070	0.0050	0.000056	0.021
118 – 96 – 7	2,4,6-Trinitrotoluene	II	0.50	0.34	0.0040	1.4
119 – 90 – 4	3,3'-Dimethoxybenzidine	I				E
119 – 93 – 7	o-Tolidine	I	0.071	0.048	0.00056	0.21
120 – 80 – 9	Catechol	II	116	77	0.91	332
120 – 82 – 1	1,2,4-Trichlorobenzene	II	186	124	1.5	534
121 – 14 – 2	2,4-Dinitrotoluene	I	0.051	0.051	0.00041	0.15
121 – 44 – 8	Triethylamine	II	21	7.0	0.17	60
121 – 45 – 9	Trimethyl phosphite	I	50	24	0.39	144
121 – 69 – 7	Dimethylaniline	II	126	84	0.99	362
121 – 75 – 5	Malathion	I	3.6	2.4	0.028	10
121 – 82 – 4	Cyclonite	I	1.8	1.2	0.014	5.1
122 – 39 – 4	Diphenylamine	II	50	34	0.39	144
122 – 60 – 1	Phenyl glycidyl ether (PGE)	I	2.1	1.4	0.017	6.2
122 – 66 – 7	1,2-Diphenylhydrazine	I	0.050	0.050	0.00039	0.14

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123 – 19 – 3	Dipropyl ketone	III	4854	2312	38	13934
123 – 31 – 9	Hydroquinone	II	10	6.7	0.079	29
123 – 38 – 6	Propionaldehyde	II	239	159	1.9	686
123 – 42 – 2	Diacetone alcohol	II	1197	798	9.4	3436
123 – 51 – 3	Isoamyl alcohol	II	1816	1211	14	5213
123 – 73 – 9	Crotonaldehyde	I	3.1	2.0	0.024	8.8
123 – 86 – 4	n-Butyl acetate	II	3587	2391	28	10296
123 – 91 – 1	Dioxane	I	258	172	2.0	741
123 – 92 – 2	Isoamyl acetate (see pentyl acetate)					
124 – 04 – 9	Adipic acid	III	104	50	0.82	299
124 – 09 – 4	1,6-Hexanediamine	II	12	7.7	0.091	33
124 – 40 – 3	Dimethylamine	II	46	31	0.36	132
124 – 64 – 1	Tetrakis (hydroxymethyl) phosphonium chloride	II	10	6.7	0.08	29
126 – 73 – 8	Tributyl phosphate	II	11	7.4	0.087	32
126 – 98 – 7	Methylacrylonitrile	I	9.6	6.4	0.076	28
126 – 99 – 8	β-Chloroprene	I	129	86	1.0	369
127 – 00 – 4	1-Chloro-2-propanol	II	28	13	0.21	78
127 – 18 – 4	Perchloroethylene	I	607	405	4.8	1743
127 – 19 – 5	N,N-Dimethylacetamide	I	129	86	1.0	369
127 – 91 – 3	β-Pinene	II	558	372	4.4	1603

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128 – 37 – 0	Butylated hydroxytoluene (BHT)	II	10	6.7	0.079	29
129 – 00 – 0	Pyrene (as coal tar pitch volatiles)	I	0.71	0.48	0.0056	2.1
131 – 11 – 3	Dimethylphthalate	II	25	17	0.20	72
132 – 64 – 9	Dibenzofuran					E
133 – 06 – 2	Captan	I	18	12	0.14	51
133 – 90 – 4	Chloramben					E
134 – 32 – 7	A-Naphthylamine	II				E
135 – 88 – 6	N-Phenyl-β-naphthylamine	I				E
136 – 78 – 7	Sesone	II	50	34	0.40	144
137 – 05 – 3	Methyl 2-cyanoacrylate	II	4.6	3.1	0.036	13
137 – 26 – 8	Thiram	I	3.6	2.4	0.028	10
138 – 22 – 7	n-Butyl lactate	III	625	298	4.9	1794
140 – 11 – 4	Benzyl acetate	II	307	205	2.4	881
140 – 88 – 5	Ethyl acrylate	I	71	48	0.56	205
141 – 32 – 2	n-butyl acrylate	I	52	25	0.41	149
141 – 43 – 5	Ethanolamine	I	27	18	0.21	77
141 – 66 – 2	Dicrotophos	I	0.18	0.12	0.0014	0.51
141 – 78 – 6	Ethyl acetate	II	10141	4829	80	29111
141 – 79 – 7	Mesityl oxide	II	302	201	2.4	866
142 – 64 – 3	Piperazine dihydrochloride	III	104	50	0.82	299

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142 – 82 – 5	Heptane	II	8249	5500	65	23681
143 – 33 – 9	Sodium cyanide	I	18	12	0.14	51
144 – 62 – 7	Oxalic acid	II	5.0	3.4	0.040	14
148 – 01 – 6	Dinitolmide	II	35	17	0.28	100
149 – 57 – 5	2-Ethylhexanoic acid	I	18	12	0.14	51
150 – 76 – 5	4-Methoxyphenol	III	104	50	0.82	299
151 – 50 – 8	Potassium cyanide	I	18	12	0.14	51
151 – 56 – 4	Ethylenimine	I	3.1	2.1	0.025	9.0
151 – 67 – 7	Halothane	I	2020	962	16	5799
156 – 59 – 2	1,2-Dichloroethylene (cis)	III	16521	7867	130	47425
156 – 62 – 7	Calcium cyanamide	II	2.5	1.7	0.020	7.2
205 – 99 – 2	Benzo[b]fluoranthene	I	0.36	0.24	0.0028	1.0
218 – 01 – 9	Chrysene	I	0.36	0.24	0.0028	1.0
287 – 92 – 3	Cyclopentane	III	25595	17063	201	73474
298 – 00 – 0	Methyl parathion	I	0.71	0.48	0.0056	2.1
298 – 02 – 2	Phorate	I	0.18	0.12	0.0014	0.51
298 – 04 – 4	Disulfoton	I	0.18	0.12	0.0014	0.51
299 – 84 – 3	Ronnel – inhalable fraction and vapor	I	18	12	0.14	52
299 – 86 – 5	Crufomate	I	18	12	0.14	51
300 – 76 – 5	Naled	II	0.50	0.34	0.0040	1.4

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302 – 01 – 2	Hydrazine	I	0.046	0.031	0.00037	0.13
309 – 00 – 2	Aldrin	I	0.89	0.60	0.0070	2.6
314 – 40 – 9	Bromacil	I	36	24	0.28	103
330 – 54 – 1	Diuron	I	36	24	0.28	103
333 – 41 – 5	Diazinon	I	0.036	0.024	0.00028	0.10
334 – 88 – 3	Diazomethane	I	1.2	0.81	0.0095	3.5
353 – 50 – 4	Carbonyl fluoride	I	27	13	0.21	78
382 – 21 – 8	Perfluoroisobutylene	I	0.29	0.20	0.0023	0.84
409 – 21 – 2	Silicon carbide: non-fibrous (inhalable fraction)	II	50	34	0.40	144
409 – 21 – 2	Silicon carbide: fibrous	I	0.36	0.24	0.0028	1.0
409 – 21 – 2	Silicon carbide: non-fibrous (respirable fraction)	II	15	10	0.12	43
420 – 04 – 2	Cyanamide	II	14	6.7	0.11	40
460 – 19 – 5	Cyanogen	II	106	70	0.83	303
463 – 51 – 4	Ketene	I	3.1	2.0	0.024	8.8
463 – 58 – 1	Carbonyl sulfide					^E
463 – 82 – 1	Pentane	III	36875	17560	290	105854
479 – 45 – 8	Tetryl	II	7.5	5.0	0.059	22
504 – 29 – 0	2-Aminopyridine	I	6.8	4.5	0.053	19
506 – 64 – 9	Silver cyanide (as hydrogen cyanide)	I	18	12	0.14	51
506 – 77 – 4	Cyanogen chloride	I	2.7	1.8	0.21	7.7

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509 – 14 – 8	Tetranitromethane	I	0.14	0.095	0.0011	0.41
510 – 15 – 6	Chlorobenzilate					E
528 – 29 – 0	Dinitrobenzene	II	5.0	3.4	0.040	14
532 – 27 – 4	Chloroacetophenone	I	1.1	0.030	0.0090	0.49
534 – 52 – 1	Dinitro-o-cresol	I	0.71	0.48	0.0056	2.0
540 – 59 – 0	1,2-Dichloroethylene	III	16521	7867	130	47425
540 – 84 – 1	2,2,4-Trimethylpentane					E
540 – 88 – 5	tert-Butyl acetate	III	39583	9425	311	113629
541 – 85 – 5	Ethyl amyl ketone	III	2729	1300	21	7834
542 – 56 – 3	Isobutyl nitrite	II	24	14	0.19	68
542 – 75 – 6	1,3-Dichloropropene	I	20	20	0.16	57
542 – 88 – 1	bis(Chloromethyl) ether	I	0.017	0.011	0.00013	0.049
542 – 92 – 7	Cyclopentadiene	II	1021	681	8.0	2931
552 – 30 – 7	Trimellitic anhydride	II	0.20	0.13	0.0016	0.58
556 – 52 – 5	Glycidol	I	30	15	0.24	86
557 – 05 – 1	Zinc stearate	III	149	99	1.2	427
558 – 13 – 4	Carbon tetrabromide	III	21	14	0.16	60
563 – 12 – 2	Ethion	I	0.18	0.12	0.0014	0.51
563 – 80 – 4	Methyl isopropyl ketone	II	4965	2364	39	14252
583 – 60 – 8	o-Methylcyclohexanone	III	4771	2272	38	13695
584 – 84 – 9	Toluene-2,4-diisocyanate	I	0.13	0.086	0.0010	0.37

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591 – 78 – 6	Methyl n-butyl ketone	II	101	67	0.79	289
592 – 01 – 8	Calcium cyanide	I	18	12	0.14	51
592 – 41 – 6	1-Hexene	III	3669	1747	29	10532
593 – 60 – 2	Vinyl bromide	I	7.9	3.0	0.062	23
594 – 42 – 3	Perchloromethyl mercaptan	I	2.7	1.8	0.021	7.8
594 – 72 – 9	1,1-Dichloro-1-nitroethane	II	85	40	0.66	243
598 – 78 – 7	2-Chloropropionic acid	I	2.2	1.0	0.017	6.3
600 – 25 – 9	1-Chloro-1-nitropropane	II	70	34	0.55	202
603 – 34 – 9	Triphenyl amine	III	104	50	0.82	299
620 – 11 – 1	3-Amyl acetate (see pentyl acetate)					
624 – 41 – 9	2-Methybutyl acetate (see pentyl acetate)					
624 – 83 – 9	Methyl isocyanate	I	0.24	0.11	0.0018	0.67
625 – 16 – 1	tert-Amyl acetate (see pentyl acetate)					
626 – 17 – 5	m-Phthalodinitrile	II	25	17	0.20	72
626 – 38 – 0	sec-Amyl acetate (see pentyl acetate)					
646 – 06 – 0	1,3-Dioxolane	II	427	203	3.4	1225
627 – 13 – 4	n-Propyl nitrate	III	1592	1062	13	4571
628 – 63 – 7	n-Amyl acetate (see pentyl acetate)					
628 – 96 – 6	Ethylene glycol dinitrate	II	4.4	1.0	0.034	13

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637 – 92 – 3	Ethyl tert-butyl ether (ETBE)	II	147	70	1.2	422
638 – 21 – 1	Phenylphosphine	I	0.82	0.55	0.0065	2.4
680 – 31 – 9	Hexamethyl phosphoramidate	II				E
681 – 84 – 5	Methyl silicate	I	21	14	0.17	62
684 – 16 – 2	Hexafluoroacetone	I	2.4	1.6	0.019	7.0
684 – 93 – 5	N-Nitroso-N-methylurea					E
688 – 73 – 3	tri-N-Butylstannane hydride (as tin)	I	0.36	0.24	0.0028	1.0
764 – 41 – 0	1,4-Dichloro-2-butene	I	0.089	0.060	0.00070	0.26
768 – 52 – 5	N-Isopropylaniline	II	77	37	0.61	222
822 – 06 – 0	Hexamethylene diisocyanate	I	0.12	0.010	0.00096	0.16
872 – 50 – 4	Methylpyrrolidone	I	1429	952	11	4102
919 – 86 – 8	Demeton-S-methyl	I	0.18	0.12	0.0014	0.51
944 – 22 – 9	Fonofos – inhalable fraction and vapor	I	0.036	0.024	0.00028	0.10
994 – 05 – 8	tert-Amyl methyl ether (TAME)	II	421	280	3.3	1207
999 – 61 – 1	2-Hydroxypropyl acrylate	I	14	6.7	0.11	40
1024 – 57 – 3	Heptachlor epoxide	I	0.18	0.12	0.0014	0.51
1120 – 71 – 4	Propane sultone	I				E
1189 – 85 – 1	tert-Butyl chromate	III	1.7	0.99	0.013	4.8
1300 – 73 – 8	Xylidine (mixed isomers)	II	13	8.4	0.10	36
1302 – 74 – 5	Emery	III	149	99	1.2	427

NEW HAMPSHIRE CODE OF ADMINISTRATIVE RULES

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1303 – 00 – 0	Gallium arsenide	I	0.001	0.001	0.00001	0.003
1303 – 86 – 2	Boron oxide	III	149	99	1.2	427
1303 – 96 – 4	Borate compounds (Borax) – inhalable fraction	I	7.1	4.8	0.06	21
1304 – 28 – 5	Barium oxide (as barium)	II	2.5	1.7	0.020	7.2
1304 – 56 – 9	Beryllium oxide (as beryllium)	I	0.0071	0.0048	0.000056	0.021
1304 – 81 – 1	Bismuth telluride, Se-doped	II	25	17	0.20	72
1304 – 82 – 1	Bismuth telluride	III	149	99	1.2	427
1305 – 62 – 0	Calcium hydroxide	III	104	50	0.82	299
1305 – 78 – 8	Calcium oxide	III	83	20	0.66	239
1306 – 19 – 0	Cadmium oxide (as cadmium, respirable)	I	0.0070	0.0050	0.000056	0.021
1309 – 37 – 1	Iron oxide (Fe ₂ O ₃) – respirable fraction	II	25	17	0.20	72
1309 – 48 – 4	Magnesium oxide fume	III	208	99	1.6	598
1309 – 64 – 4	Antimony trioxide	I	1.8	0.20	0.014	3.3
1310 – 58 – 3	Potassium hydroxide	II	11	6.7	0.089	32
1310 – 73 – 2	Sodium hydroxide	III	33	20	0.26	96
1313 – 13 – 9	Manganese dioxide (as manganese)	II	1.0	0.67	0.0079	2.9
1313 – 99 – 0	Nickel monoxide (as nickel, soluble compound)	I	0.36	0.24	0.0028	1.0
1314 – 06 – 3	Nickel peroxide (as nickel, soluble compound)	I	0.36	0.24	0.0028	1.0

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1314 – 13 – 2	Zinc oxide	II	50	34	0.40	144
1314 – 61 – 0	Tantalum oxide, as Ta dust	III	74	50	0.59	214
1314 – 62 – 1	Vanadium pentoxide	I	0.18	0.12	0.0014	0.51
1314 – 80 – 3	Phosphorus pentasulfide	II	5.0	3.4	0.040	14
1317 – 36 – 8	Lead monoxide (as lead)	I	0.18	0.12	0.0014	0.51
1317 – 39 – 1	Copper (I) oxide (as copper, dust/mists)	I	3.6	2.4	0.028	10
1317 – 65 – 3	Calcium carbonate	III	149	99	1.2	427
1317 – 95 – 9	Silica, Crystalline-α-quartz (Tripoli) – respirable fraction	I	0.089	0.060	0.00070	0.26
1319 – 77 – 3	Cresol	II	111	74	0.87	318
1321 – 64 – 8	Pentachloronaphthalene	II	2.5	1.7	0.020	7.2
1321 – 65 – 9	Trichloronaphthalene	II	25	17	0.20	72
1321 – 74 – 0	Divinyl benzene	III	2208	526	17	6339
1330 – 20 – 7	Xylene	I	1550	100	12	1641
1330 – 43 – 4	Borate compounds (sodium tetraborate) – inhalable fraction	I	7.1	4.8	0.06	20
1332 – 58 – 7	Kaolin	II	10	6.7	0.079	29
1333 – 82 – 0	Chromium (VI) oxide (1:3) (as CrVI, insol.)	I	0.036	0.024	0.00028	0.10
1333 – 86 – 4	Carbon black	III	52	35	0.41	150
1335 – 87 – 1	Hexachloronaphthalene	III	3.0	2.0	0.023	8.5
1335 – 88 – 2	Tetrachloronaphthalene	II	10	6.7	0.079	29

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1336 – 36 – 3	Polychlorinated biphenyls (Aroclors)	I	0.10	0.10	0.00079	0.29
1338 – 23 – 4	Methyl ethyl ketone peroxide	I	5.4	3.6	0.042	15
1344 – 28 – 1	Aluminum oxide	III	149	99	1.2	428
1344 – 95 – 2	Calcium silicate	III	417	99	3.3	1196
1395 – 21 – 7	Subtilisins (Proteolytic enzymes)	II	0.0010	0.0010	0.0000079	0.0029
1477 – 55 – 0	m-Xylene a,a'-diamine	III	1.7	0.99	0.013	4.8
1563 – 66 – 2	Carbofuran	I	0.36	0.24	0.0028	1.0
1582 – 09 – 8	Trifluraline	I	4.6	4.6	0.036	13
1634 – 04 – 4	Methyl-tert butyl ether	II	3000	3000	24	8612
1746 – 01 – 6	2,3,7,8-Tetrachlorodibenzeno-p-Dioxin		2.3E-7	2.3E-7	1.81E-7	6.60E-7
1910 – 42 – 5	Paraquat dichloride, respirable fraction	I	0.36	0.24	0.0028	1.0
1910 – 42 – 5	Paraquat dichloride, total dust	I	1.8	1.2	0.014	5.1
1912 – 24 – 9	Atrazine	I	18	12	0.14	51
1918 – 02 – 1	Picloram	II	50	34	0.40	144
1929 – 82 – 4	Nitrapyrin	I	50	24	0.39	144
2039 – 87 – 4	o-Chlorostyrene	III	4211	2808	33	12089
2074 – 50 – 2	Paraquat Dimethyl sulfate, resp. fraction	I	0.36	0.24	0.0028	1.0
2074 – 50 – 2	Paraquat Dimethyl sulfate, total dust	I	1.8	1.2	0.014	5.1
2104 – 64 – 5	EPN	I	0.36	0.24	0.0028	1.0

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2179 – 59 – 1	Allyl propyl disulfide	II	45	30	0.35	129
2234 – 13 – 1	Octachloronaphthalene	III	1.5	0.99	0.012	4.3
2238 – 07 – 5	Diglycidyl ether (DGE)	I	1.9	1.3	0.015	5.4
2425 – 06 – 1	Captafol	I	0.36	0.24	0.0028	1.0
2426 – 08 – 6	n-Butyl glycidyl ether (BGE)	I	57	38	0.4	164
2451 – 62 – 9	1,3,5-Triglycidyl-s-triazinetriene	I	0.18	0.12	0.0014	0.51
2528 – 36 – 1	Dibutyl phenyl phosphate	II	18	12	0.14	51
2551 – 62 – 4	Sulfur hexafluoride	III	88839	59226	699	255024
2698 – 41 – 1	o-Chlorobenzylidene malononitrile	I	1.6	0.93	0.012	4.5
2699 – 79 – 8	Sulfuryl fluoride	I	75	50	0.59	215
2764 – 72 – 9	Diquat	I	1.8	1.2	0.014	5.1
2921 – 88 – 2	Chlorpyrifos	I	0.36	0.24	0.0028	1.0
2971 – 90 – 6	Clopidol	III	149	99	1.2	427
3033 – 62 – 3	bis(2-dimethylaminoethyl) ether (DMAEE)	I	1.6	0.78	0.013	4.7
3333 – 52 – 6	Tetramethyl succinonitrile	I	10	6.7	0.079	29
3383 – 96 – 8	Temephos	II	5.0	3.4	0.04	14
3689 – 24 – 5	Sulfotep (TEDP)	I	0.4	0.2	0.003	1.02
3825 – 26 – 1	Ammonium perfluorooctanoate	I	0.050	0.024	0.00039	0.14
4016 – 14 – 2	Isopropyl glycidyl ether (IGE)	II	1197	798	9.4	3497

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4098 – 71 – 9	Isophorone diisocyanate	I	0.16	0.11	0.0013	0.46
4170 – 30 – 3	Crotonaldehyde	I	3.1	2.0	0.024	8.8
4685 – 14 – 7	Paraquat, respirable fraction	I	0.36	0.24	0.0028	1.0
4685 – 14 – 7	Paraquat, total dust	I	1.8	1.2	0.014	5.1
5124 – 30 – 1	Methylene (4-cyclohexylisocyanate)	III	0.80	0.54	0.0063	2.3
5714 – 22 – 7	Sulfur pentafluoride	I	0.40	0.24	0.0031	1.1
6423 – 43 – 4	Propylene glycol dinitrate	II	1.7	1.1	0.013	4.9
6923 – 22 – 4	Monocrotophos	I	0.18	0.12	0.0014	0.51
7085 – 85 – 0	Ethyl cyanoacrylate	III	42	9.9	0.33	120
7429 – 90 – 5	Alkyls, as Al	II	10	6.7	0.079	29
7429 – 90 – 5	Aluminum (dust)	II	50	34	0.40	144
7429 – 90 – 5	Pyro Powders, as Al	II	25	17	0.20	72
7429 – 90 – 5	Soluable Salts, as Al	II	10	6.7	0.079	29
7429 – 90 – 5	Welding Fumes, as Al	II	25	17	0.20	72
7439 – 92 – 1	Lead, elemental & inorganic compounds	I	0.18	0.12	0.0014	0.51
7439 – 96 – 5	Manganese, elemental & inorganic compounds	II	1.0	0.050	0.0079	0.82
7439 – 97 – 6	Mercury aryl compounds	I	0.36	0.30	0.0028	1.0
7439 – 97 – 6	Mercury, alkyl compounds	I	0.30	0.30	0.0024	0.86
7439 – 97 – 6	Mercury, inorganic forms including metallic	I	0.30	0.30	0.0024	0.86

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7439 – 98 – 7	Molybdenum, as Mo; (metal and insoluble) - inhalable	I	36	24	0.28	103
7439 – 98 – 7	Molybdenum, as Mo; (metal and insoluble) - respirable	I	11	7.1	0.087	32
7439 – 98 – 7	Molybdenum, as Mo; (soluble compounds) - respirable	I	1.8	1.2	0.014	5.2
7440 – 02 – 0	Nickel Sulfide Roasting (dust and fume)	I	3.6	2.4	0.028	10
7440 – 02 – 0	Nickel, insoluble compounds, as Ni	I	3.6	2.4	0.028	10
7440 – 02 – 0	Nickel, metal	I	3.6	2.4	0.028	10
7440 – 02 – 0	Nickel, soluble compounds, as Ni	I	0.36	0.24	0.0028	1.0
7440 – 06 – 4	Platinum, metal	II	5.0	3.4	0.040	14
7440 – 06 – 4	Platinum, soluble salts	II	0.010	0.0070	0.000079	0.029
7440 – 16 – 6	Rhodium, insoluble compounds	III	42	9.9	0.33	120
7440 – 16 – 6	Rhodium, metal	III	42	9.9	0.33	120
7440 – 16 – 6	Rhodium, soluble compounds	II	0.050	0.034	0.00040	0.14
7440 – 22 – 4	Silver, metal	II	0.50	0.34	0.0040	1.4
7440 – 22 – 4	Silver, soluble compounds	II	0.050	0.034	0.00040	0.14
7440 – 25 – 7	Tantalum, metal and oxide	III	74	50	0.59	214
7440 – 28 – 0	Thallium, elemental and soluble compounds	I	0.36	0.24	0.0028	1.0
7440 – 31 – 5	Tin, metal	II	10	6.7	0.079	29
7440 – 31 – 5	Tin, organic compounds	I	0.36	0.24	0.0028	1.0

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7440 – 31 – 5	Tin, oxide/inorganic compounds (not- SnH ₄ , as Sn)	II	10	6.7	0.079	29
7440 – 33 – 7	Tungsten, insoluble compounds	I	18	12	0.14	51
7440 – 33 – 7	Tungsten, soluble compounds	I	5.0	2.4	0.039	14
7440 – 36 – 0	Antimony	I	1.8	1.2	0.014	5.1
7440 – 38 – 2	Arsenic	I	0.036	0.024	0.00028	0.10
7440 – 39 – 3	Barium	II	2.5	1.7	0.020	7.2
7440 – 41 – 7	Beryllium and compounds (as Be)	I	0.0071	0.0048	0.000056	0.021
7440 – 43 – 9	Cadmium	I	0.036	0.024	0.00028	0.10
7440 – 47 – 3	Chromium, insoluble (CrVI compounds)	I	0.036	0.024	0.00028	0.10
7440 – 47 – 3	Chromium, metal (CrIII compounds)	I	1.8	1.2	0.014	5.1
7440 – 47 – 3	Chromium, water soluble (CrVI)	I	0.18	0.12	0.0014	0.51
7440 – 48 – 4	Cobalt, elemental & inorganic compounds	I	0.071	0.048	0.00056	0.21
7440 – 50 – 8	Copper, dusts and mists	I	3.6	2.4	0.028	10
7440 – 50 – 8	Copper, fume	I	0.71	0.48	0.0056	2.1
7440 – 58 – 6	Hafnium	III	7.4	5.0	0.059	21
7440 – 61 – 1	Uranium (natural) soluble and insoluble	I	0.71	0.48	0.0056	2.1
7440 – 65 – 5	Yttrium, metal and compounds	III	15	9.9	0.12	43
7440 – 66 – 6	Zinc (as zinc oxide dust)	II	50	34	0.40	144

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7440 – 66 – 6	Zinc (as zinc oxide fume)	II	25	17	0.20	72
7440 – 67 – 7	Zirconium and compounds	III	74	50	0.59	214
7440 – 74 – 6	Indium	I	0.36	0.24	0.0028	1.0
7550 – 45 – 0	Titanium tetrachloride					^E
7553 – 56 – 2	Iodine	I	3.6	2.4	0.028	10
7572 – 29 – 4	Dichloroacetylene	I	1.4	0.93	0.011	4.0
7580 – 67 – 8	Lithium hydride	III	0.52	0.25	0.0041	1.5
7616 – 94 – 6	Perchloryl fluoride	II	65	44	0.51	188
7631 – 86 – 9	Silica, Amorphous, Fume	II	10	6.7	0.079	29
7631 – 90 – 5	Sodium bisulfite	II	25	17	0.20	72
7637 – 07 – 2	Boron trifluoride	I	11	6.7	0.088	32
7646 – 85 – 7	Zinc chloride fume	I	3.6	2.4	0.028	10
7647 – 01 – 0	Hydrogen chloride	I	20	20	0.084	31
7664 – 38 – 2	Phosphoric acid	III	15	10	0.12	43
7664 – 39 – 3	Hydrogen fluoride, as F	I	1.5	0.98	0.01	4.2
7664 – 41 – 7	Ammonia	II	100	100	0.79	287
7664 – 93 – 9	Sulfuric acid	I	0.71	0.48	0.0056	2.0
7681 – 49 – 4	Sodium fluoride (as fluoride)	I	8.9	6.0	0.070	26
7681 – 57 – 4	Sodium metabisulfite	II	35	17	0.28	101
7697 – 37 – 2	Nitric acid	I	19	12	0.15	53
7705 – 08 – 0	Ferric chloride (as iron, soluble salt)	II	5.0	3.4	0.040	14

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7719 – 09 – 7	Thionyl chloride	I	20	12	0.15	56
7719 – 12 – 2	Phosphorus trichloride	I	3.9	2.6	0.031	11
7722 – 64 – 7	Potassium permanganate (as manganese)	II	1.0	0.67	0.0079	2.9
7722 – 84 – 1	Hydrogen peroxide	II	9.9	4.7	0.078	28
7723 – 14 – 0	Phosphorus (yellow)	I	0.36	0.24	0.0028	1.0
7726 – 95 – 6	Bromine	II	3.3	2.2	0.026	9.5
7727 – 21 – 1	Potassium persulfate,	III	2.1	0.99	0.016	6.0
7727 – 43 – 7	Barium sulfate	III	417	99	3.3	1197
7727 – 54 – 0	Ammonium persulfate	III	2.1	0.99	0.016	6.0
7758 – 94 – 3	Ferrous chloride (as iron, soluble salt)	II	5.0	3.4	0.040	14
7758 – 97 – 6	Lead chromate (TLV for Cr)	I	0.043	0.029	0.00034	0.12
7773 – 06 – 0	Ammonium sulfamate	III	149	99	1.2	427
7775 – 27 – 1	Sodium persulfate	III	2.1	0.99	0.016	6.0
7778 – 18 – 9	Calcium sulfate, the anhydrite – inhalable fraction	III	149	99	1.2	428
7782 – 41 – 4	Fluorine	I	5.7	3.8	0.045	16
7782 – 42 – 5	Graphite (all forms except graphite fibers)	II	28	6.7	0.22	81
7782 – 49 – 2	Selenium	I	0.71	0.48	0.0056	2.1
7782 – 50 – 5	Chlorine	II	7.5	5.0	0.059	22
7782 – 65 – 2	Germanium tetrahydride	II	4.4	2.1	0.035	13

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7783 – 06 – 4	Hydrogen sulfide	I	50	2.0	0.39	33
7783 – 07 – 5	Hydrogen selenide	I	0.57	0.38	0.0045	1.6
7783 – 41 – 7	Oxygen difluoride	I	0.39	0.26	0.0031	1.1
7783 – 54 – 2	Nitrogen trifluoride	II	146	97	1.1	419
7783 – 60 – 0	Sulfur tetrafluoride	I	1.8	1.0	0.014	5.1
7783 – 79 – 1	Selenium hexafluoride	I	0.57	0.38	0.0045	1.6
7783 – 80 – 4	Tellurium hexafluoride	I	0.36	0.24	0.0028	1.0
7784 – 40 – 9	Lead arsenate	I	0.54	0.36	0.0042	1.5
7784 – 42 – 1	Arsine	I	0.57	0.050	0.0045	0.82
7786 – 34 – 7	Mevinphos	I	0.33	0.22	0.0026	0.94
7786 – 81 – 4	Nickel sulfate (as nickel, soluble compounds)	I	0.36	0.24	0.0028	1.0
7789 – 06 – 2	Strontium chromate	I	0.0018	0.0012	0.000014	0.0051
7789 – 30 – 2	Bromine pentafluoride	III	11	7.1	0.084	31
7790 – 91 – 2	Chlorine trifluoride	I	1.5	0.91	0.012	4.4
7803 – 51 – 2	Phosphine	I	1.5	0.30	0.012	4.3
7803 – 52 – 3	Stibine	I	1.8	1.2	0.014	5.2
7803 – 62 – 5	Silicon tetrahydride	III	138	65	1.1	395
8001 – 35 – 2	Chlorinated camphene	I	1.8	1.2	0.014	5.1
8002 – 05 – 9	Petroleum Distillate	I	10000	4762	79	28706
8002 – 74 – 2	Paraffin wax fume	III	83	20	0.66	239

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8003 – 34 – 7	Pyrethrum	I	18	12	0.14	51
8006 -14 – 2	Natural gas (see Aliphatic hydrocarbon gases)					
8006 – 61 – 9	Gasoline	II	4477	2985	35	12851
8006 – 64 – 2	Turpentine	II	558	372	4.4	1603
8008 – 20 – 6	Kerosene	II	1006	671	7.9	2888
8012 – 95 – 1	Oil Mist, Mineral	II	25	17	0.20	72
8022 – 00 – 2	Methyl demeton	I	1.8	1.2	0.014	5.1
8030 – 30 – 6	Rubber solvent (Naphtha)	II	7998	5332	63	22959
8032 – 32 – 4	VM & P Naphtha	I	6850	3262	54	19664
8050 – 09 – 7	Rosin core solder thermal decomposition products	II	0.50	0.34	0.0040	1.4
8052 – 41 – 3	Stoddard solvent	II	2641	1761	21	7581
8052 – 42 – 4	Asphalt fumes (as total particulate)	II	25	17	0.20	72
8065 – 48 – 3	Demeton	I	0.18	0.12	0.0014	0.51
9002 – 86 – 2	Polyvinyl chloride	II	30	20	0.24	87
9004 – 34 – 6	Cellulose	III	149	99	1.2	427
9005 – 25 – 8	Starch	III	149	99	1.2	427
9005 – 25 – 9	Starch (dust)	III	149	99	1.2	427
9006 – 04 – 6	Natural rubber latex, as total proteins	II	0.0050	0.0034	0.000040	0.014
9014 – 01 – 1	Subtilisins (100% pure crystalline enzyme)	II	0.0010	0.0010	0.0000079	0.0029

NEW HAMPSHIRE CODE OF ADMINISTRATIVE RULES

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10024 – 97 – 2	Nitrous oxide	I	321	214	2.5	923
10025 – 67 – 9	Sulfur monochloride	I	22	13	0.17	63
10025 – 87 – 3	Phosphorus oxychloride	I	2.3	1.5	0.018	6.5
10026 – 13 – 8	Phosphorus pentachloride	I	3.0	2.0	0.024	8.7
10034 – 76 – 1	Calcium sulfate, the hemihydrate – inhalable fraction	III	149	99	1.2	428
10035 – 10 – 6	Hydrogen bromide	II	37	22	0.29	107
10043 – 35 – 3	Borate compounds (boric acid) – inhalable fraction	I	7.1	4.8	0.06	21
10049 – 04 – 4	Chlorine dioxide	II	1.4	0.20	0.011	3.3
10101 – 41 – 4	Calcium sulfate, the dihydrate – inhalable fraction	III	149	99	1.2	428
10102 – 43 – 9	Nitric oxide	II	156	104	1.2	448
10210 – 68 – 1	Cobalt carbonyl	II	0.50	0.34	0.0040	1.4
10294 – 33 – 4	Boron tribromide	III	149	99	1.2	427
10588 – 01 – 9	Sodium dichromate (as Chromium)	I	0.18	0.12	0.0014	0.51
11097 – 69 – 1	Chlorodiphenyl (54% chlorine)	I	1.8	1.2	0.014	5.1
11103 – 86 – 9	Zinc chromates	I	0.036	0.024	0.00028	0.10
11292 – 00 – 8	Silica gel	II	50	34	0.40	144
12001 – 26 – 2	Mica	II	15	10	0.12	43
12035 – 72 – 2	Nickel subsulfide (as Ni)	I	0.36	0.24	0.0028	1.0
12079 – 65 – 1	Manganese cyclopentadienyl tricarbonyl	I	0.36	0.24	0.0028	1.0

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CAS Number	Description	Toxicity Class ^A	24-Hr AAL (µg/m ³)	Annual AAL ^B (µg/m ³)	24-Hr <i>De Minimis</i> ^C (lbs/day)	Annual <i>De Minimis</i> (lbs/yr)
12108 – 13 – 3	2-Methylcyclopentadienyl, Mn tricarbonyl	I	0.71	0.48	0.0056	2.1
12125 – 02 – 9	Ammonium chloride fume	III	417	99	3.3	1197
12179 – 04 – 3	Borate compounds (sodium borate pentahydrate) – inhalable fraction	III	83	20	0.7	238
12415 – 34 – 8	Emery	III	149	99	1.2	427
12604 – 58 – 9	Ferrovandium dust	III	42	9.9	0.33	120
12656 – 85 – 8	Molybdate Orange (as Molybdenum, soluble)	I	18	12	0.14	51
13071 – 79 – 9	Terbufos	I	0.036	0.024	0.00028	0.10
13121 – 70 – 5	Cyhexatin	I	18	12	0.14	51
13149 – 00 – 3	Hexahydrophthalic anhydride, cis-isomer	II	0.0025	0.0017	0.000020	0.0072
13397 – 24 – 5	Calcium sulfate, Gypsum	III	149	99	1.2	428
13463 – 39 – 3	Nickel carbonyl	I	0.43	0.29	0.0034	1.2
13463 – 40 – 6	Iron pentacarbonyl	I	1.2	0.55	0.0090	3.3
13463 – 67 – 7	Titanium dioxide	II	50	34	0.40	144
13466 – 78 – 9	3-Carene	II	558	372	4.4	1603
13494 – 80 – 9	Tellurium, as Te	I	0.36	0.24	0.0028	1.0
13530 – 65 – 9	Zinc chromate	I	0.036	0.024	0.00028	0.10
13765 – 19 – 0	Calcium chromate	I	0.0036	0.0024	0.000028	0.010
13770 – 89 – 3	Nickel (II) sulfamate (as Nickel, soluble)	I	0.36	0.24	0.0028	1.0

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13838 – 16 – 9	Enflurane	I	2021	1348	16	5803
14166 – 21 – 3	Hexahydrophthalic anhydride, trans-isomer	II	0.0025	0.0017	0.000020	0.0072
14464 – 46 – 1	Silica, Crystalline-Cristobalite – respirable fraction	I	0.089	0.060	0.00070	0.26
14484 – 64 – 1	Ferbam	II	50	34	0.40	144
14807 – 96 – 6	Talc (containing asbestos fibers)	I	0.71	0.48	0.0056	2.1
14807 – 96 – 6	Talc (containing no asbestos fibers)	II	10	6.7	0.079	29
14808 – 60 – 7	Silica, Crystalline-α-quartz – respirable fraction	I	0.089	0.060	0.00070	0.26
14857 – 34 – 2	Dimethylethoxysilane	II	11	7.0	0.087	32
14977 – 61 – 8	Chromyl chloride	II	0.81	0.54	0.0063	2.3
16219 – 75 – 3	Ethylidene norbornene	I	89	60	0.70	256
16752 – 77 – 5	Methomyl	I	8.9	6.0	0.070	26
16842 – 03 – 8	Cobalt hydrocarbonyl	I	0.50	0.24	0.0039	1.4
17702 – 41 – 9	Decaborane	I	0.89	0.60	0.0070	2.6
17804 – 35 – 2	Benomyl	I	36	24	0.28	103
19287 – 45 – 7	Diborane	I	0.39	0.26	0.0031	1.1
19430 – 93 – 4	Perfluorobutyl ethylene	III	41,939	9,986	330	120,391
19624 – 22 – 7	Pentaborane	I	0.046	0.031	0.00037	0.13
20816 – 12 – 0	Osmium tetroxide	II	0.011	0.0054	0.000089	0.032
21087 – 64 – 9	Metribuzin	I	18	12	0.14	51

NEW HAMPSHIRE CODE OF ADMINISTRATIVE RULES

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21351 – 79 – 1	Cesium hydroxide	III	42	20	0.33	120
22224 – 92 – 6	Fenamiphos – inhalable fraction and vapor	I	0.18	0.12	0.0014	0.51
25013 – 15 – 4	Vinyl toluene	II	1217	812	9.6	3494
25321 – 14 – 6	Dinitrotoluene	I	0.71	0.48	0.0056	2.0
25322 – 68 – 3	Polyethylene glycol	III	208	99	1.6	597
25551 – 13 – 7	Trimethyl benzene	II	619	412	4.9	1777
25639 – 42 – 3	Methylcyclohexanol	III	3482	2321	27	9996
26140 – 60 – 3	Terphenyls	II	25	17	0.20	72
26471 – 62 – 5	Toluene-1,3-diisocyanate (as TDI)	I	0.13	0.070	0.0010	0.37
26499 – 65 – 0	Plaster of Paris (as calcium sulfate by ACGIH)	III	149	99	1.2	427
26628 – 22 – 8	Sodium azide	I	1.0	0.69	0.0081	3.0
26628 – 22 – 8	Sodium azide, as Hydrazoic acid vapor	I	0.39	0.26	0.0031	1.1
26952 – 21 – 6	Isooctyl alcohol	III	5542	2639	44	15908
31242 – 93 – 0	Chlorinated diphenyl oxide	III	7.4	5.0	0.059	21
34590 – 94 – 8	Dipropylene glycol methyl ether	II	3048	2032	24	8750
35400 – 43 – 2	Sulprofos	I	3.6	2.4	0.028	10
37300 – 23 – 5	Zinc chromates	I	0.036	0.024	0.00028	0.10
53469 – 21 – 9	Chlorodiphenyl (42% chlorine)	I	3.6	2.4	0.028	10
55566 – 30 – 8	Tetrakis (hydroxymethyl) phosphonium sulfate	I	7.1	4.8	0.06	21

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55720 – 99 – 5	Chlorinated diphenyl oxide	III	7.4	5.0	0.059	21
61788 – 32 – 7	Hydrogenated terphenyls	III	73	49	0.57	209
64742 – 47 – 8	Jet fuels	II	1006	671	7.9	2888
65996 – 93 – 2	Coal tar pitch volatiles	I	0.71	0.48	0.0056	2.1
65997 – 15 – 1	Portland cement	III	417	99	3.3	1196
68334 – 30 – 5	Diesel fuel (as total hydrocarbons)(diesel oil)	III	2083	992	16	5980
68476 – 30 – 2	Diesel fuel (as total hydrocarbons)(fuel oil #2)	II	704	335	5.5	2022
68476 – 31 – 3	Diesel fuel (as total hydrocarbons)(fuel oil #4)	III	4167	992	33	11961
68476 – 34 – 6	Diesel fuel (as total hydrocarbons) (diesel #2)	III	4167	992	33	11961
68476 – 85 – 7	Liquified petroleum gas (LPG) (see Aliphatic hydrocarbon gases)					
74222 – 97 – 2	Sulfometuron methyl	II	25	17	0.20	72
77650 – 28 – 3	Diesel fuel (as total hydrocarbons) (diesel #4, marine diesel)	III	4167	992	33	11961

Footnotes:

^A Toxicity Classification as classified in Env-A 1406, in general:

Toxicity Class I: Classification established pursuant to Env-A 1406.02.

Toxicity Class II: Classification established pursuant to Env-A 1406.03.

Toxicity Class III: Classification established pursuant to Env-A 1406.04.

^B Ambient air limit.

^C *De minimis* values were calculated using non-rounded AALs. The AALs and *de minimis* values represented in this table are rounded to whole numbers or 2 significant figures if less than 10.

^D The compounds comprising “Aliphatic hydrocarbon gases: Alkane C1-C4 (measured as butane)” are: CAS Number 8006-14-2, Natural gas; CAS Number 74-98-6, Propane; CAS Number 75-28-5, Isobutane; CAS Number 106-97-8, Butane; CAS Number 74-84-0, Ethane; and CAS Number 68476-85-7, Liquid petroleum gas. The AALs for “Aliphatic hydrocarbon gases: Alkane C1-C4 (measured as butane)” are for emissions of any individual compound if only one compound is emitted, or for any mixture of compounds if more than one is present.

NEW HAMPSHIRE CODE OF ADMINISTRATIVE RULES

^E Denotes regulated toxic air pollutants which have data limitations preventing derivation of AALs in accordance with Env-A 1411.

^F The isomers comprising “pentyl acetate” are: CAS Number 123-92-2, Isoamyl acetate; CAS Number 620-11-1, 3-Amyl acetate; CAS Number 624-41-9, 2-Methylbutyl acetate; CAS Number 625-16-1, tert-Amyl acetate; CAS Number 626-38-0, sec-Amyl acetate; and CAS Number 628-63-7, n-Amyl acetate. The AALs for pentyl acetate are for emissions of any individual isomer if only one isomer is emitted, or for any mixture of isomers if more than one is present.

^G Glycol ether compounds, as defined in section 112(b) of the 1990 Clean Air Act Amendments and not otherwise regulated as regulated toxic air pollutants.

(b) AALs and *de minimis* values for “wood dust (western red cedar),” “wood dust (oak & beech),” “wood dust (birch, mahogany, teak, walnut)” and “wood dust (all other species)” in table 1450-1 shall apply only to emissions from sanding operations at sources belonging to Major Group 24 or 25 as described in the Standard Industrial Classification Manual, 1987, and assigned by EPA the following Source Classification Code (SCC) numbers: 30700702, 30700806, 30700807, 30702003, 30703096, 30703097, 30703098, and 30703099.

Source. #6739-B, eff 5-8-98; amd by #7345, eff 9-22-00; amd by #7616, eff 12-28-01; amd by #7859, eff 4-11-03; amd by #8095, eff 6-11-04; ss by #8278, eff 2-4-05; amd by #8632, eff 5-26-06; amd by #9021, eff 11-9-07

APPENDIX

Provision of Rule	Specific State or Federal Statute the Rule is Intended to Implement
Env-A 1401	RSA 125-I:1
Env-A 1402.01(a)	RSA 125-I:5, I
Env-A 1402.01(b) & (c)	RSA 125-I:3, III; RSA 125-I:6, II(e)
Env-A 1403.01(a), 1404.01	RSA 125-I:3, I; RSA 125-I:5, I
Env-A 1403.01(b) – (d)	RSA 125-I:5, I & V
Env-A 1404.02	RSA 125-I:5, IV
Env-A 1405.01 & 1405.02	RSA 125-I:5, V
Env-A 1405.03 – 1405.06	RSA 125-I:5, V; RSA 125-I:6, II(d)
Env-A 1406	RSA 125-I:2, XIV; RSA 125-I:6, II(a)
Env-A 1407 & 1408	RSA 125-I:6, II(b)
Env-A 1409 & 1410	RSA 125-I:4, III; RSA 125-I:6, II(b)
Env-A 1411.01 & 1411.02	RSA 125-I:6, II(c)
Env-A 1411.03	RSA 125-I:4, IV
Env-A 1412	RSA 125-I:4, V
Env-A 1413	42 U.S.C. §7412
Env-A 1450	RSA 125-I:4, I, II, III, IV and V