

# **Air Reporting System (ARS) Miscellaneous Information**

## **Emission Inventory Reporting**

### **Wisconsin DNR Bureau of Air Management**

For information on air emissions inventory, contact:

Ralph Patterson

[Ralph.Patterson@Wisconsin.gov](mailto:Ralph.Patterson@Wisconsin.gov)

Air Management Program

608-267-7546

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# Miscellaneous information

## ***Air Program Mailing Addresses***

This is a recap of air address information.

## **Air Emission Inventory Certifications**

Ralph Patterson  
WDNR - AM/7  
101 S. Webster Street  
Madison, WI 53707-7921

## **Environmental Fees**

- For regular mailings:

Department of Natural Resources  
Environmental Fees  
Drawer #192  
Milwaukee, WI 53293-0192

- For UPS or FedEx in which a street address is required:

US Bank  
Attn: Lockbox 192 - WI DNR Environmental Fees  
777 E Wisconsin Ave  
Milwaukee WI 53201

## ***Regional Addresses***

You can find any regional contact and mailing address by going to this [map](#).

## ***Emission Inventory Business Rules***

The air emission inventory was moved from its own database to a database containing information for permits, compliance, and emission inventory in 2008. Because it is now located in a new database it needed to conform to business rules established in that database. Because of this a number of changes were made to the data by the facility and DNR. These changes were necessary to meet the requirements of the business rules of the database. Listed below are some of the business rules affecting air emission reporting..

1. **Business Rule:** Processes are no longer allowed to have fugitive control efficiencies.  
**Primarily Affected:** Primarily affected nonmetallic mining and hot mix asphalt plants.  
**Fix:** Fugitive control efficiencies were factored into emission factor.

2. **Business Rule:** Only Source Classification Codes (SCCs) with uncontrolled emission factors obtained from WebFire in May 2008 are allowed.  
**Primarily Affected:** Large number of facilities where an SCC code was used did not have an uncontrolled emission factor.  
**Fix:** SCCs with uncontrolled emission factors that were close to the SCC not having uncontrolled emission factors were chosen. Source specific emission factors were used if the SCC was not an identical match.
3. **Business Rule:** Only units used by emission factors under a source classification code can be used for reporting material or fuel. For example, an emission factor with a unit of mass requires a reportable quantity of mass.  
**Primarily Affected:** Large number of facilities reporting in an SCC code with a mass emission factor that reported a volume last year. Changes were also made to throughput units so that they conformed to emission factor units of time, quantity or distance.  
**Fix:** We either found another SCC with emission factors having the correct units or converted the material reported to the correct units.
4. **Business Rule:** A device can only perform one operation. For example a device can either burn a fuel or make a product but it cannot do both.  
**Primarily Affected:** Large number of facilities in the printing industry. These facilities generated emissions by processing paper and then drying the paper. The dryer emissions were split into two devices - one for production and one for fuel burning.  
**Fix:** Devices that were conducting two separate functions were split into two. The original device remained and one of the processes was retired. A second device, generally designated with the ID of the first device plus the letter A, was added and the information from the second process transferred to the new device.
5. **Business Rule:** DNR no longer calculates breathing and working losses from storage tanks.  
**Primarily Affected:** Companies owning tank farms.  
**Fix:** Facilities were asked to run the EPA Tanks 4.09D program and then enter the Tanks 4.09D in the reported tab in the ARS program. For those companies that did not use the Tanks 4.09D program, DNR entered information into the Tanks 4.09D program based on permit information and then entered this information into the Reported tab into the ARS program.
6. **Business Rule:** The 2001 Hot Mix Asphalt Plant agreement states that the facility will be given a 50% sulfur dioxide reduction credit based on scavenging of sulfur dioxide from the aggregate in the hot mix asphalt drum plant. The amount of sulfur dioxide is determined by the amount of aggregate generated in the hot mix asphalt drum and the sulfur content of the fuel used in the drum plant to make the asphalt. The new database would no longer allow the use of the sulfur content of the fuel in the emission factor calculation.  
**Primarily Affected:** All asphalt plants with a drum mixer.  
**Fix:** A representative sulfur content for the fuels used in the drum mixer was developed based on 2007 data. From that data an emission factor for all drum mix plants was developed and applied to all drum mixers.

## ***Information on Air Emission Inventory Certification***

### **Requirements**

Section NR 438.03(5)(c) contains requirements regarding the certification of annual emissions.

"(c) By May 31 of each year, the department shall send each owner or operator of a facility which is required to file an emission inventory report a summary from the department's annual emission inventory of the air contaminants emitted by the facility for the previous year. The owner or operator of a facility required to obtain an air pollution control permit under s. 285.60, Stats., and ch. NR 406, 407 or 408, or which emits volatile organic compounds or nitrogen oxides in an ozone nonattainment area, shall, by

June 30 of each year, send a written certification to the department that the summary of its emissions is correct. The certification shall contain the name, title, signature and telephone number of the certifier, the date of certification and a statement that the information contained in the emissions summary is accurate to the best knowledge of the owner or operator of that facility."

## How to Certify

DNR asks people at the end of May to review their information and certify the information by end of June. When a company believes the emission inventory for the preceding calendar year is correct then they can click on the green 'Generate Final Report and Certify Button' in the Air Reporting System Internet software program. When the Oracle database is done generating the final report, the green View Final Report button is activated. Clicking on that button allows the user to view a report with a Final Watermark. If the company needs to certify these emissions, the 'I Wish to certify' and 'I do NOT wish to certify' buttons are activated.

- Clicking on the 'I Wish to Certify' button generates a certification form that the user should print, have a responsible corporate official sign, and send back to DNR. Clicking on this button also stores a copy of the final emission summary in the DNR database.
- Clicking on the 'I do NOT wish to certify' button deletes the final summary from the DNR database. This button also resets hidden flags that allow the user to come back and regenerate a final report and certify.

## Air Definitions

The Air Management program has its own unique terminology which might be confusing. Listed below are all of the common terms and definitions used in the discussion of the air emission inventory. Click on the highlighted letter to move down to the definition.

- [A](#)- annual thruput, average hourly thruput
- [C](#)- capture efficiency, CFR, control efficiency, criteria air pollutant
- [D](#)- device, device code, device id, device name, dismantle date, DNR
- [E](#)- EPA
- [F](#)- facility, facility identification (FID) number
- [H](#)- hazardous air pollutant
- [I](#)- installation date
- [M](#)- material codes, max hourly thruput
- [N](#)- North American Industry Classification System (NAICS) Code; NR 410.04, Wis. Adm. Code; NR 438, Wis. Adm. Code
- [O](#)- operator, ozone season day
- [P](#)- POTW, Process, Process Code, Process ID
- [R](#) ROG
- [S](#)- SCC, source, source code, SIC, stream
- [T](#)- total control efficiency, typical ozone season day
- [W](#)- WDNR

### A

#### Annual thruput

The actual annual process throughput or the actual amount of fuel burned during the calendar year.

### **Avg Hourly Thruput**

The actual annual process throughput divided by the number of hours per day and then divided by the number of days of operation

## **C**

### **Capture Efficiency**

Capture efficiency is the weight per unit time of an air contaminant entering a capture system and delivered to a control device divided by the weight per unit time of the air contaminant generated by the source, expressed as a percentage.

### **CFR**

The Code of Federal Regulations, or CFR, contains the detailed regulations, written by Federal Agencies, to implement the provisions of laws passed by Congress. Regulations in CFR have the force of Federal law.

### **Control Efficiency**

Control efficiency is the percentage by which a control device or technique reduces the emissions from a stationary source.

### **Criteria Air Pollutant**

Criteria air pollutant is an air contaminant for which an ambient air quality standard is set in [ch. NR 404, Wis. Adm. Code \[exit DNR\]](#). Although lead has an ambient air quality standard, it is considered a hazardous air contaminant in Wisconsin because Wisconsin does not have industries in which lead is a primary air pollutant.

## **D**

### **Device**

A physical object (e.g., a piece of equipment) that does one of the following:

- Produces air emissions.
- controls (destroys) air emissions
- passes air emissions through it (e.g., a stack)

Examples: boiler, paint booth, stockpile, crusher, haul roads, storage tank, stack

### **Device code**

Indicates the "type" of device in the device section of CRS. A device code can be boiler, generator, generic, etc.

### **Device ID**

A device id is an identification tag for the device (e.g. B01, P10, S15).

### **Device name**

A device name is a longer description of the device, used to help you identify the device.

### **Dismantle date**

The date that the device was (or is going to be) permanently dismantled.

### **DNR**

The State of Wisconsin Department of Natural Resources. Also known as WDNR.

## **E**

### **EPA**

The Environmental Protection Agency, EPA, is also called USEPA, for United States Environmental Protection Agency. Established in 1970 by presidential executive order, it brings together parts of various government agencies involved with the control of pollution.

## **F**

### **Facility**

An establishment-residential, commercial, institutional or industrial-which emits or causes emissions of an air contaminant.

## **H**

### **Hazardous Air Pollutant**

Hazardous air pollutant means any air contaminant for which no ambient air quality standard is set (with the exception of lead) in ch. NR 404, Wis. Adm. Code, and which the department determines may cause or significantly contribute to an increase in mortality or an increase in serious irreversible or incapacitating reversible illness, or may pose a significant threat to human health or the environment. Hazardous air pollutants include, but are not limited to, substances listed in Tables 1 to 5 in s. NR 445.04, Wis. Adm. Code.

## **I**

### **Installation date**

The date the device was first installed.

## **M**

### **Material code**

A material code describes the primary material associated with the process.

### **Max Hourly Thruput**

The maximum rate at which throughput could possibly be consumed or the maximum rate at which fuel could possibly be burned.

## **N**

### **North American Industry Classification System (NAICS) Code**

NAICS industries are identified by a 6-digit code, in contrast to the 4-digit Source Industrial Classification (SIC) code. The longer code accommodates the larger number of sectors and allows more flexibility in designating subsectors. It also provides for additional detail not necessarily appropriate for all three NAICS countries (United States, Canada, Mexico). The international NAICS agreement fixes only the first five digits of the code. The sixth digit, where used, identifies subdivisions of NAICS industries that accommodate user needs in individual countries. Thus, 6-digit U.S. codes may differ from counterparts in Canada or Mexico, but at the 5-digit level they are standardized.

For more information regarding NAICS go to <http://www.census.gov/epcd/www/naics.html> [exit DNR].

### **NR 410.04, Wis. Adm. Code**

[NR 410.04, Wis. Adm. Code, \[exit DNR\]](#) establishes air emission fees and a dispute mechanism for air emission fees.

### **ch. NR 438, Wis. Adm. Code**

[Chapter NR 438, Wis. Adm. Code, \[exit DNR\]](#) establishes emission reporting requirements for facilities in Wisconsin.

## **O**

### **Operator**

Operator means any person who leases, controls, operates, or supervises a facility, an air contaminant source, or air pollution control equipment.

### **Ozone Season Day**

An [ozone season day](#) is defined as a day from July to September (3rd quarter of the calendar year) in which reactive organic gasses or nitrogen oxides are emitted and contribute to the generation of ground-level ozone.

## **P**

### **POTW**

A POTW, Publicly Owned Treatment Works, is a municipal sewage or liquid industrial waste treatment device or system owned by the State or a municipality.

### **Process**

The series of actions or operations that occur at a device (or what happens at a device).

Examples of processes include: 1) the burning of fuel in a boiler, 2) the filling and emptying of a storage tank, 3) the controlling of pollutants in a collector, 4) the burning of natural gas in an incinerator.

### **Process code**

Indicates the type of process (ex. external combustion, filtering).

### **Process ID**

An identification tag for the process.

## **R**

### **ROG**

Before the Clean Air Act was amended in 1990, volatile organic compounds included chlorofluorocarbons. The Clean Air Act regulates chlorofluorocarbons as a separate entity. In order to avoid confusion, USEPA changed the term VOC to ROG after the Clean Air Act was amended.

Under ch. NR 438, Wis. Adm. Code, you are required to report all VOC(ROG) emissions as currently defined in s. NR 400.02(100). This definition specifically excludes, by name, various chlorofluorocarbons and related chlorofluorocarbon compounds, acetone, and other compounds which have been determined to have negligible photochemical reactivity.

## **S**

### **SCC**

SCC (Source Classification Codes) are eight digit numbers used to assign USEPA emission factors to pieces of equipment that generate air emissions. The eight digits signify different levels of specificity.

The four levels of source descriptions for SCCs are associated with the first 1, 3, 6, and 8 characters.

The first level uses only the first character and provides only the most general information on the category of the emissions.

The second level of description is associated with the first three characters, and subdivides the five major categories above into major industry groups. For example, 1-01 indicates External Combustion in Utility Boilers, and 1-02 indicates External Combustion in Industrial Boilers. The Manufacturing Processes category (3-) is currently divided into 21 industry classes, such as Chemical Manufacturing (3-01), Food and Agriculture (3-02), and Primary Metal Production (3-03).

The third level of description requires the first six characters to be specified, and it identifies a specific industry or emission source category, e.g., Cotton Ginning (3-02-004), or Primary Copper Smelting (3-03-005). The three characters which have been added to the industry class description (the first three characters) usually indicate the major product, raw material, or fuel used.

The fourth level of description is associated with the full eight character code. The addition of two more characters beyond the third level specifies the particular emitting process within the third-level source category. For example, SCC 3-03-005-06 specifies the Ore Concentrate Dryer emission source at a Primary Copper Smelting facility (3-03-005).

An eight-character code may correspond to a particular boiler type, process heater, process vent, or fuel. A single emission point may have two or more SCCs if it uses more than one material or burns more than one type of fuel, but most emission points will be described by one SCC.

For more information on Source Classification Codes (SCC) go to <http://www.smoke-model.org/version2.1/html/ch02s03s05.html> [exit DNR]

### **Source**

An establishment--residential, commercial, institutional or industrial--which emits or causes emissions of air contaminants. Equivalent to a facility

### **Source Code**

The source code describes the production or service process associated with generation of waste.

### **Standard Industrial Classification Code (SIC)**

The SIC code is a four-digit coding system developed by the federal Census Bureau and Office of Management and Budget, that categorizes the principal product or group of products produced or distributed, or services rendered at a site's physical location.

USEPA requested States use the North American Industrial Classification System (NAICS) for reporting because this system is less general than the four digit SIC. Consequently both air and hazardous waste request information for SIC and NAICS. For more information regarding SIC go to <http://www.osha.gov/pls/imis/sicsearch.html> [exit DNR].

### **Stream**

An air "stream" identifies the air emission flows between processes. For example, the flow between a boiler and a stack is identified as the "stream" between the boiler and the stack.

### **T**

#### **Total Control Efficiency**

Total control efficiency for a control is the capture efficiency, if greater than zero, multiplied by the control efficiency, expressed as a percentage.

#### **Typical Ozone Season Day**

A typical ozone season day (see page 18) is defined as a day from July to September (3rd quarter of the calendar year) in which reactive organic gasses or nitrogen oxides are emitted and contribute to the generation of ground-level ozone.

### **W**

#### **WDNR**

Wisconsin Department of Natural Resources

## ***Environmental Management System (EMS) Survey Information***

### **Where is it?**

A two question survey is presented on the Update Facility Information screen in the Air Reporting System (ARS) Internet software. You are asked to answer the two questions using radio buttons. You have a choice of choosing for an answer to each question: No, Yes, and Don't Know.

### **Why is it done?**

DNR would like to know if companies are using formal Environmental Management Systems (EMS) and if companies with systems have made the investment to have those systems certified/audited by third parties. An EMS is being used as the basis for collaborative, flexible working relationships enable by a law which allows those companies to be treated differently. The law has produced both environmental and economic advantages for the companies. The two question survey in the ARS software program helps us track the trends in EMS usage and determine where additional flexibilities might be available for businesses. We ask you to fill out this survey even if you filled it out in prior years.

The Environmental Management Systems we seek to identify are those that meet the requirements of ISO 14001 or are equivalent to ISO 14001. An equivalent environmental management system would include:

1. An environmental policy.
2. Complete environmental aspects and impacts.
3. Plans to achieve, maintain, and exceed environmental requirements.
4. Identification of environmental legal requirements.
5. Objectives and plans to meet them.
6. Operational control and responsibility for environmental performance.
7. Employee environmental training programs.
8. Preventive, corrective and emergency action plans.
9. Communication plans for environmental issues.
10. Document control and record keeping of environmental performance.
11. Audits of the environmental management systems.
12. Senior management review.

Others systems that could be equivalent include the Natural Step, environmental systems based on the Baldrige Award Criteria or Quality Management Systems that have been adapted to include the elements listed above. There are also trade specific EMS's such as the Sustainable Green Printers that may also be functionally equivalent.

For more information regarding EMS to the DNR's [Green Tier and EMS](#) webpage.

## ***Exempt Compounds from ROG (VOC) Total***

Reactive Organic Gases (ROG), which are equivalent to Volatile Organic Compounds (VOC), are comprised of many compounds (i.e. species). People reporting air emissions should check that the total amount of speciated VOCs does not exceed the total ROG reported at the facility. Some VOC compounds have been exempted from inclusion into the ROG (VOC) total through compounds mentioned in s. NR 400.02(162), Wis. Adm. Code. The table below supplies the name of the compound, the CAS number, the Air Reporting System (ARS) code, and the reporting threshold for compounds which have been determined to have negligible photochemical reactivity. Although these compounds should not be added to the ROG total, they should still be reported if they are emitted above the reporting level.

| <b>Exempt VOC Compounds</b>  |                   |                       |                              |
|--|-------------------|-----------------------|------------------------------|
| <b>Name</b>  | <b>CAS Number</b> | <b>ARS Code</b>       | <b>Reporting Level (lbs)</b> |
| Methylene chloride (Dichloromethane)   | 75-09-2           | METHYLENE CL          | 1,890                        |
| Chlorofluorocarbon-11 (CFC-11, R-11)   | 75-69-4           | CFC-11                | 6,000                        |
| Chlorodifluoromethane (Hydrochlorofluorocarbon-22)                             | 75-45-6           | CHLORDIFLMET          | 6,000                        |
| Chlorofluorocarbon-115 (CFC-115, R-115)  | 76-15-3           | CFC-115               | 6,000                        |
| Hydrochlorofluorocarbon-123 (HCFC-123, R-123)                                  | 306-83-2          | HCFC-123              | 6,000                        |
| Hydrochlorofluorocarbon-124 (HCFC-124, R-124)                                  | 63938-10-3        | HCFC-124              | 6,000                        |
| Hydrochlorofluorocarbon-141b (HCFC-141b, R-141b)                               | 1717-00-6         | HCFC-141B             | 6,000                        |
| 1-Chloro-1,1-difluoroethane (Hydrochlorofluorocarbon-142b; HCFC 142b; R- 142b) | 75-68-3           | CHLORDIFLETH          | 6,000                        |
| Acetone  | 67-64-1           | ACETONE               | 100,000                      |
| Chlorofluorocarbon-113 (CFC-113, R-113)  | 76-13-1           | CFC-113               | 6,000                        |
| Chlorofluorocarbon-114 (CFC-114, R-114)  | 76-14-2           | CFC-114               | 6,000                        |
| Perchloroethylene (Tetrachloroethylene)  | 127-18-4          | PERC                  | 151                          |
| Hydrochlorofluorocarbon-225ca (HCFC-225ca)                                     | 422-56-0          | HCFC-225CA            | 6,000                        |
| Hydrochlorofluorocarbon-225cb (HCFC-225cb)                                     | 507-55-1          | HCFC-225CB            | 6,000                        |
| Hydrochlorofluorocarbon-31 (HCFC-31, R-31)                                     | 593-70-4          | HCFC-31               | 6,000                        |
| Methyl acetate   | 79-20-9           | METHYLACETAT          | 100,000                      |
| Methyl formate   | 107-31-3          | METH FORMATE          | 6,000                        |
| Parachlorbenzotrifloride   | 98-56-6           | Not a NR 438 compound | NA                           |

## ***Facility Identification (FID) Numbers***

The facility identification (FID) number is a unique DNR number assigned to facilities throughout the state. Besides the Bureau of Air Management, FIDs are used by the Bureaus of Waste Management, Wastewater Management, Public Water Supply and also for the Lab Certification program. The FID stays with the facility as long as it is in operation. For the most part, DNR assigns a FID number based on a system where eight of the nine digits have a meaning. Recent changes in DNR databases now allow more flexibility and so these specifications do not always apply. However, this scheme is followed for the issuance of most FID numbers.

### **Digit 1**

Digit 1 is the old DNR district number. This district number was continued even when the DNR went to regions because DNR did not have the people to complete the necessary bookkeeping to transfer existing facilities into a regional organization. The following numbers are valid:

- 1-Southcentral Region
- 2-Southeast Region
- 3-This number is being used for county numbers that have been exhausted. For example, 3 is now used for the assignment of Milwaukee County and portable facilities..
- 4-Northeast Region
- 5-Not currently in use

- 6-West Central Region
- 7-West Central Region
- 8-Northern Region
- 9-Portable sources. Note portable source FID numbers starting with 9 were exhausted. All new portable sources start with a 3.

## Digits 2 and 3

These digits are the county numbers. Wisconsin has 72 counties. Additionally 99 and 98 are assigned to mobile sources. Mobile sources are facilities that move, or are capable of moving, from one location to another.

| County Number | COUNTY      | County Number | COUNTY    | County Number | COUNTY     |
|---------------|-------------|---------------|-----------|---------------|------------|
| 01            | ADAMS       | 25            | IOWA      | 49            | POLK       |
| 02            | ASHLAND     | 26            | IRON      | 50            | PORTAGE    |
| 03            | BARRON      | 27            | JACKSON   | 51            | PRICE      |
| 04            | BAYFIELD    | 28            | JEFFERSON | 52            | RACINE     |
| 05            | BROWN       | 28            | JUNEAU    | 53            | RICHLAND   |
| 06            | BUFFALO     | 30            | KENOSHA   | 54            | ROCK       |
| 07            | BURNETT     | 31            | KEWAUNEE  | 55            | RUSK       |
| 08            | CALUMET     | 32            | LA CROSSE | 57            | SAUK       |
| 09            | CHIPPEWA    | 33            | LAFAYETTE | 58            | SAWYER     |
| 10            | CLARK       | 34            | LANGLADE  | 59            | SHAWANO    |
| 11            | COLUMBIA    | 35            | LINCOLN   | 60            | SHEBOYGAN  |
| 12            | CRAWFORD    | 36            | MANITOWOC | 56            | ST. CROIX  |
| 13            | DANE        | 37            | MARATHON  | 61            | TAYLOR     |
| 14            | DODGE       | 38            | MARINETTE | 62            | TREMPELEAU |
| 15            | DOOR        | 39            | MARQUETTE | 63            | VERNON     |
| 16            | DOUGLAS     | 40            | MENOMINEE | 64            | VILAS      |
| 17            | DUNN        | 41            | MILWAUKEE | 65            | WALWORTH   |
| 18            | EAU CLAIRE  | 42            | MONROE    | 66            | WASHBURN   |
| 19            | FLORENCE    | 43            | OCONTO    | 67            | WASHINGTON |
| 20            | FOND DU LAC | 44            | ONEIDA    | 68            | WAUKESHA   |
| 21            | FOREST      | 45            | OUTAGAMIE | 69            | WAUPACA    |
| 22            | GRANT       | 46            | OZAUKEE   | 70            | WAUSHARA   |
| 23            | GREEN       | 47            | PEPIN     | 71            | WINNEBAGO  |
| 24            | GREEN LAKE  | 48            | PIERCE    | 72            | WOOD       |
|               |             |               |           | 98, 99        | MOBILE     |

## Digits 4-8

Digits 4-8. These digits uniquely identify the facility within the county.

## **Digit 9**

Digit 9. This digit should be a 0. Exceptions are made for air emission offset sources which are retained for permitting purposes.

## ***North American Industry Classification System (NAICS) Codes***

NAICS is an acronym for North American Industry Classification System. These codes are now used with the four digit Standard Industrial Classification (SCC) code to describe in general terms the use of the facility. EPA requires the states to supply this information to them with the state's air emission inventory.

For most companies, we have an NAICS code that you will see when you complete your Air Reporting System (ARS) reporting. You may change the NAICS code if they are incorrect in ARS . You may choose between Editing, Deleting, or Adding another NAICS code. To delete the NAICS code click on the green 'Delete' button. To change one NAICS to another NAICS, click on the green 'Edit' button. Choose a new NAICS from the drop down box. Then click on green 'Save' button. To add another NAICS, click on the green 'Add' button, choose an NAICS from the drop down box, choose whether this is a primary NAICS, and then click on the green 'Save' button.

If you wish to learn more about NAICS codes, please try the following link <http://www.census.gov/epcd/www/naics.html> [exit DNR].

## ***Air Emission Inventory Time Extensions***

NR 438.03(2) states:

"REPORTING DEADLINE: Reports required under this section shall be submitted by March 1 of each year for air contaminants emitted during the preceding year. Persons unable to submit reports by March 1 may, upon request to the department, be granted an extension until March 15 for submission of the reports if the department determines that an extension is reasonable under the circumstances."

### ***How can I get this extension?***

You may call, email, or write the facility's regional compliance contact and they can grant this extension. The regional compliance person's name is listed at the top of many screens as you run the Air Reporting System (ARS) Internet software program. You can also find any regional contact by going to this [map](#).

The regional person may grant the time extension either orally over the telephone or written by email or regular mail.

## Source Industrial Classification (SIC) Codes

Companies are assigned a four digit Source Industrial Classification (SIC) Code depending on the products they manufacture. You must contact your regional air emission inventory person to change an SIC code for your facility. The Air Reporting System (ARS) Internet software program will not allow you to change this information. The table below lists the four digit SIC codes used in the annual air emission inventory.

| Source Identification Code (SIC) Description |   |
|--|---|
| SIC  | Description   |
| 0111   | Wheat   |
| 0112   | Rice  |
| 0115   | Corn  |
| 0116   | Soybeans  |
| 0119   | Cash Grains, NEC  |
| 0131   | Cotton  |
| 0132   | Tobacco   |
| 0133   | Sugarcane and Sugar Beets                                 |
| 0134   | Irish Potatoes  |
| 0139   | Field Crops, Except Cash Grains, NEC                      |
| 0161   | Vegetables and Melons                                     |
| 0171   | Berry Crops   |
| 0172   | Grapes  |
| 0173   | Tree Nuts   |
| 0174   | Citrus Fruits   |
| 0175   | Deciduous Tree Fruits                                     |
| 0179   | Fruits and Tree Nuts, NEC                                 |
| 0181   | Ornamental Floriculture and Nursery Products              |
| 0182   | Food Crops Grown Under Cover                              |
| 0191   | General Farms, Primarily Crop                             |
| 0211   | Beef Cattle Feedlots                                      |
| 0212   | Beef Cattle, Except Feedlots                              |
| 0213   | Hogs  |
| 0214   | Sheep and Goats   |
| 0219   | General Livestock, Except Dairy and Poultry               |
| 0241   | Dairy Farms   |
| 0251   | Broiler, Fryers, and Roaster Chickens                     |
| 0252   | Chicken Eggs  |
| 0253   | Turkey and Turkey Eggs                                    |
| 0254   | Poultry Hatcheries  |
| 0259   | Poultry and Eggs, NEC                                     |
| 0271   | Fur-Bearing Animals and Rabbits                           |
| 0272   | Horses and Other Equines                                  |
| 0273   | Animal Aquaculture  |
| 0279   | Animal Specialties, NEC                                   |
| 0291   | General Farms, Primarily Livestock and Animal Specialties |
| 0711   | Soil Preparation Services                                 |

| <b>Source Identification Code (SIC) Description</b> |   |
|---|---|
| <b>SIC</b>  | <b>Description</b>  |
| 0721  | Crop Planting, Cultivating and Protecting                   |
| 0722  | Crop Harvesting, Primarily by Machine                       |
| 0723  | Crop Preparation Services For Market, except Cotton Ginning |
| 0724  | Cotton Ginning  |
| 0741  | Veterinary Service For Livestock                            |
| 0742  | Veterinary Services for Animal Specialties                  |
| 0751  | Livestock Services, Except Veterinary                       |
| 0752  | Animal Specialty Services, Except Veterinary                |
| 0761  | Farm Labor Contractors and Crew Leaders                     |
| 0762  | Farm Management Services                                    |
| 0781  | Landscape Counseling and Planning                           |
| 0782  | Lawn and Garden Services                                    |
| 0783  | Ornamental Shrub and Tree Services                          |
| 0811  | Timber Tracts   |
| 0831  | Forest Nurseries and Gathering of Forest Products           |
| 0851  | Forestry Services   |
| 0912  | Finfish   |
| 0913  | Shellfish   |
| 0919  | Miscellaneous Marine Products                               |
| 0921  | Fish Hatcheries and Preserves                               |
| 0971  | Hunting, Trapping, and Game Propagation                     |
| 1011  | Iron Ores   |
| 1021  | Copper Ores   |
| 1031  | Lead and Zinc Ores  |
| 1041  | Gold Ores   |
| 1044  | Silver Ores   |
| 1061  | Ferroalloy Ores, Except Vanadium                            |
| 1081  | Metal Mining Services                                       |
| 1094  | Uranium-Radium-Vanadium Ores                                |
| 1099  | Miscellaneous Metal Ores, NEC                               |
| 1221  | Bituminous Coal and Lignite Surface Mining                  |
| 1222  | Bituminous Coal Underground Mining                          |
| 1231  | Anthracite Mining   |
| 1241  | Coal Mining Services  |
| 1311  | Crude Petroleum and Natural Gas                             |
| 1321  | Natural Gas Liquids   |
| 1381  | Drilling Oil and Gas Wells                                  |
| 1382  | Oil and Gas Field Exploration Services                      |
| 1389  | Oil and Gas Field Services, NEC                             |
| 1411  | Dimension Stone   |
| 1422  | Crushed and Broken Limestone                                |
| 1423  | Crushed and Broken Granite                                  |
| 1429  | Crushed and Broken Stone, NEC                               |
| 1442  | Construction Sand and Gravel                                |
| 1446  | Industrial Sand   |
| 1455  | Kaolin and Ball Clay  |

| <b>Source Identification Code (SIC) Description</b> |  |
|---|--|
| <b>SIC</b>  | <b>Description</b>   |
| 1459  | Clay, Ceramic, and Refractory Minerals, NEC  |
| 1474  | Potash, Soda, and Borate Minerals  |
| 1475  | Phosphate Rock   |
| 1479  | Chemical and Fertilizer Mineral Mining, NEC  |
| 1481  | Nonmetallic Minerals Services Except Fuels   |
| 1499  | Miscellaneous Nonmetallic Minerals, Except Fuels   |
| 1521  | General Contractors-Single-Family Houses   |
| 1522  | General Contractors-Residential Buildings, Other Than Single-Family                          |
| 1531  | Operative Builders   |
| 1541  | General Contractors-Industrial Buildings and Warehouses                                      |
| 1542  | General Contractors-Nonresidential Buildings, Other than Industrial Buildings and Warehouses |
| 1611  | Highway and Street Construction, Except Elevated Highways                                    |
| 1622  | Bridge, Tunnel, and Elevated Highway Construction  |
| 1623  | Water, Sewer, Pipeline, and Communications and Power Line Construction                       |
| 1629  | Heavy Construction, NEC  |
| 1711  | Plumbing, Heating, and Air-Conditioning  |
| 1721  | Painting and Paper Hanging   |
| 1731  | Electrical Work  |
| 1741  | Masonry, Stone Setting and Other Stone Work  |
| 1742  | Plastering, Drywall, Acoustical and Insulation Work  |
| 1743  | Terrazzo, Tile, Marble, and Mosaic Work  |
| 1751  | Carpentry Work   |
| 1752  | Floor Laying and Other Floor Work, NEC   |
| 1761  | Roofing, Siding, and Sheet Metal Work  |
| 1771  | Concrete Work  |
| 1781  | Water Well Drilling  |
| 1791  | Structural Steel Erection  |
| 1793  | Glass and Glazing Work   |
| 1794  | Excavation Work  |
| 1795  | Wrecking and Demolition Work   |
| 1796  | Installation or Erection of Building Equipment, NEC  |
| 1799  | Special Trade Contractors, NEC   |
| 2011  | Meat Packing Plants  |
| 2013  | Sausages and Other Prepared Meats  |
| 2015  | Poultry Slaughtering and Processing  |
| 2021  | Creamery Butter  |
| 2022  | Natural, Processed, and Imitation Cheese   |
| 2023  | Dry, Condensed, and Evaporated Dairy Products  |
| 2024  | Ice Cream and Frozen Desserts  |
| 2026  | Fluid Milk   |
| 2032  | Canned Specialties   |
| 2033  | Canned Fruits, Vegetables, Preserves, Jams, and Jellies                                      |
| 2034  | Dried and Dehydrated Fruits, Vegetables, and Soup Mixes                                      |
| 2035  | Pickled Fruits and Vegetables, Vegetables Sauces and Seasonings, and Salad Dressings         |
| 2037  | Frozen Fruits, Fruit Juices, and Vegetables  |
| 2038  | Frozen Specialties, NEC  |

| <b>Source Identification Code (SIC) Description</b> |  |
|---|--|
| <b>SIC</b>  | <b>Description</b>   |
| 2041  | Flour and Other Grain Mill Products  |
| 2043  | Cereal Breakfast Foods   |
| 2044  | Rice Milling   |
| 2045  | Prepared Flour Mixes and Doughs  |
| 2046  | Wet Corn Milling   |
| 2047  | Dog and Cat Food   |
| 2048  | Prepared Feed and Feed Ingredients for Animals and Fowls, Except Dogs and Cats |
| 2051  | Bread and Other Bakery Products, Except Cookies and Crackers                   |
| 2052  | Cookies and Crackers   |
| 2053  | Frozen Bakery Products, Except Bread   |
| 2061  | Cane Sugar, Except Refining  |
| 2062  | Cane Sugar Refining  |
| 2063  | Beet Sugar   |
| 2064  | Candy and Other Confectionery Products   |
| 2066  | Chocolate and Cocoa Products   |
| 2067  | Chewing Gum  |
| 2068  | Salted and Roasted Nuts and Seeds  |
| 2074  | Cottonseed Oil Mills   |
| 2075  | Soybean Oil Mills  |
| 2076  | Vegetable Oil Mills, Except Corn, Cottonseed, and Soybeans                     |
| 2077  | Animal and Marine Fats and Oils  |
| 2079  | Shortening, Table Oils, Margarine, and Other Edible Fats and Oils, NEC         |
| 2082  | Malt Beverages   |
| 2083  | Malt   |
| 2084  | Wines, Brandy, and Brandy Spirits  |
| 2085  | Distilled and Blended Liquors  |
| 2086  | Bottled and Canned Soft Drinks and Carbonated Waters                           |
| 2087  | Flavoring Extracts and Flavoring Syrups NEC                                    |
| 2091  | Canned and Cured Fish and Seafood  |
| 2092  | Prepared Fresh or Frozen Fish and Seafoods                                     |
| 2095  | Roasted Coffee   |
| 2096  | Potato Chips, Corn Chips, and Similar Snacks                                   |
| 2097  | Manufactured Ice   |
| 2098  | Macaroni, Spaghetti, Vermicelli, and Noodles                                   |
| 2099  | Food Preparations, NEC   |
| 2111  | Cigarettes   |
| 2121  | Cigars   |
| 2131  | Chewing and Smoking Tobacco and Snuff  |
| 2141  | Tobacco Stemming and Redrying  |
| 2211  | Broadwoven Fabric Mills, Cotton  |
| 2221  | Broadwoven Fabric Mills, Manmade Fiber and Silk                                |
| 2231  | Broadwoven Fabric Mills, Wool (Including Dyeing and Finishing)                 |
| 2241  | Narrow Fabric and Other Smallware Mills: Cotton, Wool, Silk, and Manmade Fiber |
| 2251  | Women's Full-Length and Knee-Length Hosiery, Except Socks                      |
| 2252  | Hosiery, NEC   |
| 2253  | Knit Outerwear Mills   |

| <b>Source Identification Code (SIC) Description</b> |   |
|---|---|
| <b>SIC</b>  | <b>Description</b>  |
| 2254  | Knit Underwear and Nightwear Mills                                    |
| 2257  | Weft Knit Fabric Mills  |
| 2258  | Lace and Warp Knit Fabric Mills                                       |
| 2259  | Knitting Mills, NEC   |
| 2261  | Finishers of Broadwoven Fabrics of Cotton                             |
| 2262  | Finishers of Broadwoven Fabrics of Manmade Fiber and Silk             |
| 2269  | Finishers of Textiles, NEC  |
| 2273  | Carpets and Rugs  |
| 2281  | Yarn Spinning Mills   |
| 2282  | Yarn Texturizing, Throwing, Twisting, and Winding Mills               |
| 2284  | Thread Mills  |
| 2295  | Coated Fabrics, Not Rubberized  |
| 2296  | Tire Cord and Fabrics   |
| 2297  | Nonwoven Fabrics  |
| 2298  | Cordage and Twine   |
| 2299  | Textile Goods, NEC  |
| 2311  | Men's and Boys' Suits, Coats and Overcoats                            |
| 2321  | Men's and Boys' Shirts, Except Work Shirts                            |
| 2322  | Men's and Boys' Underwear and Nightwear                               |
| 2323  | Men's and Boys' Neckwear  |
| 2325  | Men's and Boys' Trousers and Slacks                                   |
| 2326  | Men's and Boys' Work Clothing   |
| 2329  | Men's and Boys' Clothing, NEC   |
| 2331  | Women's, Misses', and Juniors' Blouses and Shirts                     |
| 2335  | Women's, Misses' and Junior's Dresses                                 |
| 2337  | Women's, Misses' and Juniors' Suits, Skirts and Coats                 |
| 2339  | Women's, Misses' and Juniors' Outerwear, NEC                          |
| 2341  | Women's, Misses, Children's, and Infants' Underwear and Nightwear     |
| 2342  | Brassieres, Girdles, and Allied Garments                              |
| 2353  | Hats, Caps, and Millinery   |
| 2361  | Girls', Children's and Infants' Dresses, Blouses and Shirts           |
| 2369  | Girls', Children's and Infants' Outerwear, NEC                        |
| 2371  | Fur Goods   |
| 2381  | Dress and Work Gloves, Except Knit and All-Leather                    |
| 2384  | Robes and Dressing Gowns  |
| 2385  | Waterproof Outerwear  |
| 2386  | Leather and Sheep-Lined Clothing                                      |
| 2387  | Apparel Belts   |
| 2389  | Apparel and Accessories, NEC  |
| 2391  | Curtains and Draperies  |
| 2392  | Housefurnishings, Except Curtains and Draperies                       |
| 2393  | Textile Bags  |
| 2394  | Canvas and Related Products   |
| 2395  | Pleating, Decorative and Novelty Stitching, and Tucking for the Trade |
| 2396  | Automotive Trimmings, Apparel Findings, and Related Products          |
| 2397  | Schiffli Machine Embroideries   |

| <b>Source Identification Code (SIC) Description</b> |  |
|---|--|
| <b>SIC</b>  | <b>Description</b>   |
| 2399  | Fabricated Textile Products, NEC   |
| 2411  | Logging  |
| 2421  | Sawmills and Planing Mills, General                                      |
| 2426  | Hardwood Dimension and Flooring Mills                                    |
| 2429  | Special Product Sawmills, NEC  |
| 2431  | Millwork   |
| 2434  | Wood Kitchen Cabinets  |
| 2435  | Hardwood Veneer and Plywood  |
| 2436  | Softwood Veneer and Plywood  |
| 2439  | Structural Wood Members, NEC   |
| 2441  | Nailed and Lock Corner Wood Boxes and Shook                              |
| 2448  | Wood Pallets and Skids   |
| 2449  | Wood Containers, NEC   |
| 2451  | Mobile Homes   |
| 2452  | Prefabricated Wood Buildings and Components                              |
| 2491  | Wood Preserving  |
| 2493  | Reconstituted Wood Products  |
| 2499  | Wood Products, NEC   |
| 2511  | Wood Household Furniture, Except Upholstered                             |
| 2512  | Wood Household Furniture, Upholstered                                    |
| 2514  | Metal Household Furniture  |
| 2515  | Mattresses, Foundations, and Convertible Beds                            |
| 2517  | Wood Television, Radio, Phonograph and Sewing Machine Cabinets           |
| 2519  | Household Furniture, NEC   |
| 2521  | Wood Office Furniture  |
| 2522  | Office Furniture, Except Wood  |
| 2531  | Public Building and Related Furniture                                    |
| 2541  | Wood Office and Store Fixtures, Partitions, Shelving, and Lockers        |
| 2542  | Office and Store Fixtures, Partitions Shelving, and Lockers, Except Wood |
| 2591  | Drapery Hardware and Window Blinds and Shades                            |
| 2599  | Furniture and Fixtures, NEC  |
| 2611  | Pulp Mills   |
| 2621  | Paper Mills  |
| 2631  | Paperboard Mills   |
| 2652  | Setup Paperboard Boxes   |
| 2653  | Corrugated and Solid Fiber Boxes   |
| 2655  | Fiber Cans, Tubes, Drums, and Similar Products                           |
| 2656  | Sanitary Food Containers, Except Folding                                 |
| 2657  | Folding Paperboard Boxes, Including Sanitary                             |
| 2671  | Packaging Paper and Plastics Film, Coated and Laminated                  |
| 2672  | Coated and Laminated Paper, NEC  |
| 2673  | Plastics, Foil, and Coated Paper Bags                                    |
| 2674  | Uncoated Paper and Multiwall Bags  |
| 2675  | Die-Cut Paper and Paperboard and Cardboard                               |
| 2676  | Sanitary Paper Products  |
| 2677  | Envelopes  |

| <b>Source Identification Code (SIC) Description</b> |  |
|---|--|
| <b>SIC</b>  | <b>Description</b>   |
| 2678  | Stationery, Tablets, and Related Products                                |
| 2679  | Converted Paper and Paperboard Products, NEC                             |
| 2711  | Newspapers: Publishing, or Publishing and Printing                       |
| 2721  | Periodicals: Publishing, or Publishing and Printing                      |
| 2731  | Books: Publishing, or Publishing and Printing                            |
| 2732  | Book Printing  |
| 2741  | Miscellaneous Publishing   |
| 2752  | Commercial Printing, Lithographic  |
| 2754  | Commercial Printing, Gravure   |
| 2759  | Commercial Printing, NEC   |
| 2761  | Manifold Business Forms  |
| 2771  | Greeting Cards   |
| 2782  | Blankbooks, Loose-leaf Binders and Devices                               |
| 2789  | Bookbinding and Related Work   |
| 2791  | Typesetting  |
| 2796  | Platemaking and Related Services   |
| 2812  | Alkalies and Chlorine  |
| 2813  | Industrial Gases   |
| 2816  | Inorganic Pigments   |
| 2819  | Industrial Inorganic Chemicals, NEC                                      |
| 2821  | Plastics Material Synthetic Resins, and Nonvulcanizable Elastomers       |
| 2822  | Synthetic Rubber   |
| 2823  | Cellulosic Manmade Fibers  |
| 2824  | Manmade Organic Fibers, Except Cellulosic                                |
| 2833  | Medicinal Chemicals and Botanical Products                               |
| 2834  | Pharmaceutical Preparations  |
| 2835  | In Vitro and In Vivo Diagnostic Substances                               |
| 2836  | Biological Products, Except Diagnostic Substances                        |
| 2841  | Soaps and Other Detergents, Except Specialty Cleaners                    |
| 2842  | Specialty Cleaning, Polishing, and Sanitary Preparations                 |
| 2843  | Surface Active Agents, Finishing Agents, Sulfonated Oils, and Assistants |
| 2844  | Perfumes, Cosmetics, and Other Toilet Preparations                       |
| 2851  | Paints, Varnishes, Lacquers, Enamels, and Allied Products                |
| 2861  | Gum and Wood Chemicals   |
| 2865  | Cyclic Organic Crudes and Intermediates, and Organic Dyes and Pigments   |
| 2869  | Industrial Organic Chemicals, NEC  |
| 2873  | Nitrogenous Fertilizers  |
| 2874  | Phosphatic Fertilizers   |
| 2875  | Fertilizers, Mixing Only   |
| 2879  | Pesticides and Agricultural Chemicals, NEC                               |
| 2891  | Adhesives and Sealants   |
| 2892  | Explosives   |
| 2893  | Printing Ink   |
| 2895  | Carbon Black   |
| 2899  | Chemicals and Chemical Preparations, NEC                                 |
| 2911  | Petroleum Refining   |

| <b>Source Identification Code (SIC) Description</b> |  |
|---|--|
| <b>SIC</b>  | <b>Description</b>   |
| 2951  | Asphalt Paving Mixtures and Blocks   |
| 2952  | Asphalt Felts and Coatings   |
| 2992  | Lubricating Oils and Greases   |
| 2999  | Products of Petroleum and Coal, NEC  |
| 3011  | Tires and Inner Tubes  |
| 3021  | Rubber and Plastics Footwear   |
| 3052  | Rubber and Plastics Hose and Belting   |
| 3053  | Gaskets, Packing, and Sealing Devices  |
| 3061  | Molded, Extruded, and Lathe-Cut Mechanical Rubber Products                                   |
| 3069  | Fabricated Rubber Products, NEC  |
| 3081  | Unsupported Plastics Film and Sheet  |
| 3082  | Unsupported Plastics Profile Shapes  |
| 3083  | Laminated Plastics Plate, Sheet, and Profile Shapes  |
| 3084  | Plastic Pipe   |
| 3085  | Plastics Bottles   |
| 3086  | Plastics Foam Products   |
| 3087  | Custom Compounding of Purchased Plastics Resins  |
| 3088  | Plastics Plumbing Fixtures   |
| 3089  | Plastics Products, NEC   |
| 3111  | Leather Tanning and Finishing  |
| 3131  | Boot and Shoe Cut Stock and Findings   |
| 3142  | House Slippers   |
| 3143  | Men's Footwear, Except Athletic  |
| 3144  | Women's Footwear, Except Athletic  |
| 3149  | Footwear, Except Rubber, NEC   |
| 3151  | Leather Gloves and Mittens   |
| 3161  | Luggage  |
| 3171  | Women's Handbags and Purses  |
| 3172  | Personal Leather Goods, Except Women's Handbags and Purses                                   |
| 3199  | Leather Goods, NEC   |
| 3211  | Flat Glass   |
| 3221  | Glass Containers   |
| 3229  | Pressed and Blown Glass and Glassware, NEC   |
| 3231  | Glass Products, Made of Purchased Glass  |
| 3241  | Cement, Hydraulic  |
| 3251  | Brick and Structural Clay Tile   |
| 3253  | Ceramic Wall and Floor Tile  |
| 3255  | Clay Refractories  |
| 3259  | Structural Clay Products, NEC  |
| 3261  | Vitreous China Plumbing Fixtures and China and Earthenware Fittings and Bathroom Accessories |
| 3262  | Vitreous China Table and Kitchen Articles  |
| 3263  | Fine Earthenware (Whiteware) Table and Kitchen Articles                                      |
| 3264  | Porcelain Electrical Supplies  |
| 3269  | Pottery Products, NEC  |
| 3271  | Concrete Block and Brick   |
| 3272  | Concrete Products, Except Block and Brick  |

| <b>Source Identification Code (SIC) Description</b> |  |
|---|--|
| <b>SIC</b>  | <b>Description</b>   |
| 3273  | Ready-Mixed Concrete   |
| 3274  | Lime   |
| 3275  | Gypsum Products  |
| 3281  | Cut Stone and Stone Products   |
| 3291  | Abrasive Products  |
| 3292  | Asbestos Products  |
| 3295  | Minerals and Earths, Ground or Otherwise Treated                                 |
| 3296  | Mineral Wool   |
| 3297  | Nonclay Refractories   |
| 3299  | Nonmetallic Mineral Products, NEC  |
| 3312  | Steel Works, Blast Furnaces (Including Coke Ovens), and Rolling Mills            |
| 3313  | Electrometallurgical Products, Except Steel                                      |
| 3315  | Steel Wiredrawing and Steel Nails and Spikes                                     |
| 3316  | Cold-Rolled Steel Sheet, Strip, and Bars   |
| 3317  | Steel Pipe and Tubes   |
| 3321  | Gray and Ductile Iron Foundries  |
| 3322  | Malleable Iron Foundries   |
| 3324  | Steel Investment Foundries   |
| 3325  | Steel Foundries, NEC   |
| 3331  | Primary Smelting and Refining of Copper  |
| 3334  | Primary Production of Aluminum   |
| 3339  | Primary Smelting and Refining of Nonferrous Metals, Except Copper and Aluminum   |
| 3341  | Secondary Smelting and Refining of Nonferrous Metals                             |
| 3351  | Rolling, Drawing, and Extruding of Copper  |
| 3353  | Aluminum Sheet, Plate, and Foil  |
| 3354  | Aluminum Extruded Products   |
| 3355  | Aluminum Rolling and Drawing, NEC  |
| 3356  | Rolling, Drawing, and Extruding of Nonferrous Metals, Except Copper and Aluminum |
| 3357  | Drawing and Insulating of Nonferrous Wire  |
| 3363  | Aluminum Die-Castings  |
| 3364  | Nonferrous Die-Castings, Except Aluminum   |
| 3365  | Aluminum Foundries   |
| 3366  | Copper Foundries   |
| 3369  | Nonferrous Foundries, Except Aluminum and Copper                                 |
| 3398  | Metal Heat Treating  |
| 3399  | Primary Metal Products, NEC  |
| 3411  | Metal Cans   |
| 3412  | Metal Shipping Barrels, Drums, Kegs and Pails                                    |
| 3421  | Cutlery  |
| 3423  | Hand and Edge Tools, Except Machine Tools and Handsaws                           |
| 3425  | Saw Blades and Handsaws  |
| 3429  | Hardware, NEC  |
| 3431  | Enameled Iron and Metal Sanitary Ware  |
| 3432  | Plumbing Fixture Fittings and Trim   |
| 3433  | Heating Equipment, Except Electric and Warm Air Furnaces                         |
| 3441  | Fabricated Structural Metal  |

| <b>Source Identification Code (SIC) Description</b> |  |
|---|--|
| <b>SIC</b>  | <b>Description</b>   |
| 3442  | Metal Doors, Sash, Frames, Molding, and Trim Manufacturing                           |
| 3443  | Fabricated Plate Work (Boiler Shops)   |
| 3444  | Sheet Metal Work   |
| 3446  | Architectural and Ornamental Metal Work  |
| 3448  | Prefabricated Metal Buildings and Components   |
| 3449  | Miscellaneous Structural Metal Work  |
| 3451  | Screw Machine Products   |
| 3452  | Bolts, Nuts, Screws, Rivets, and Washers   |
| 3462  | Iron and Steel Forgings  |
| 3463  | Nonferrous Forgings  |
| 3465  | Automotive Stamping  |
| 3466  | Crowns and Closures  |
| 3469  | Metal Stamping, NEC  |
| 3471  | Electroplating, Plating, Polishing, Anodizing, and Coloring                          |
| 3479  | Coating, Engraving, and Allied Services, NEC   |
| 3482  | Small Arms Ammunition  |
| 3483  | Ammunition, Except for Small Arms  |
| 3484  | Small Arms   |
| 3489  | Ordnance and Accessories, NEC  |
| 3491  | Industrial Valves  |
| 3492  | Fluid Power Valves and Hose Fittings   |
| 3493  | Steel Springs, Except Wire   |
| 3494  | Valves and Pipe Fittings, NEC  |
| 3495  | Wire Springs   |
| 3496  | Miscellaneous Fabricated Wire Products   |
| 3497  | Metal Foil and Leaf  |
| 3498  | Fabricated Pipe and Pipe Fittings  |
| 3499  | Fabricated Metal Products, NEC   |
| 3511  | Steam, Gas, and Hydraulic Turbines, and Turbine Generator Set Units                  |
| 3519  | Internal Combustion Engines, NEC   |
| 3523  | Farm Machinery and Equipment   |
| 3524  | Lawn and Garden Tractors and Home Lawn and Garden Equipment                          |
| 3531  | Construction Machinery and Equipment   |
| 3532  | Mining Machinery and Equipment, Except Oil and Gas Field Machinery and Equipment     |
| 3533  | Oil and Gas Field Machinery and Equipment  |
| 3534  | Elevators and Moving Stairways   |
| 3535  | Conveyors and Conveying Equipment  |
| 3536  | Overhead Traveling Cranes, Hoists and Monorail Systems                               |
| 3537  | Industrial Trucks, Tractors, Trailers, and Stackers                                  |
| 3541  | Machine Tools, Metal Cutting Type  |
| 3542  | Machine Tools, Metal Forming Type  |
| 3543  | Industrial Patterns  |
| 3544  | Special Dies and Tools, Die Sets, Jigs and Fixtures, and Industrial Molds            |
| 3545  | Cutting Tools, Machine Tool Accessories, and Machinists' Precision Measuring Devices |
| 3546  | Power-Driven Handtools   |
| 3547  | Rolling Mill Machinery and Equipment   |

| <b>Source Identification Code (SIC) Description</b> |   |
|---|---|
| <b>SIC</b>  | <b>Description</b>  |
| 3548  | Electric and Gas Welding and Soldering Equipment  |
| 3549  | Metalworking Machinery, NEC   |
| 3552  | Textile Machinery   |
| 3553  | Woodworking Machinery   |
| 3554  | Paper Industries Machinery  |
| 3555  | Printing Trades Machinery and Equipment   |
| 3556  | Food Products Machinery   |
| 3559  | Special Industry Machinery, NEC   |
| 3561  | Pumps and Pumping Equipment   |
| 3562  | Ball and Roller Bearings  |
| 3563  | Air and Gas Compressors   |
| 3564  | Industrial and Commercial Fans and Blowers and Air Purification Equipment                             |
| 3565  | Packaging Machinery   |
| 3566  | Speed Changers, Industrial High-Speed Drives, and Gears   |
| 3567  | Industrial Process Furnaces and Ovens   |
| 3568  | Mechanical Power Transmission Equipment, NEC  |
| 3569  | General Industrial Machinery and Equipment, NEC   |
| 3571  | Electronic Computers  |
| 3572  | Computer Storage Devices  |
| 3575  | Computer Terminals  |
| 3577  | Computer Peripheral Equipment, NEC  |
| 3578  | Calculating and Accounting Machines, Except Electronic Computers                                      |
| 3579  | Office Machines, NEC  |
| 3581  | Automatic Vending Machines  |
| 3582  | Commercial Laundry, Drycleaning, and Pressing Machines  |
| 3585  | Air-Conditioning and Warm Air Heating Equipment and Commercial and Industrial Refrigeration Equipment |
| 3586  | Measuring and Dispensing Pumps  |
| 3589  | Service Industry Machinery, NEC   |
| 3592  | Carburetors, Pistons, Piston Rings and Valves   |
| 3593  | Fluid Power Cylinders and Actuators   |
| 3594  | Fluid Power Pumps and Motors  |
| 3596  | Scales and Balances, Except Laboratory  |
| 3599  | Industrial and Commercial Machinery and Equipment, NEC  |
| 3612  | Power, Distribution, and Specialty Transformers   |
| 3613  | Switchgear and Switchboard Apparatus  |
| 3621  | Motors and Generators   |
| 3624  | Carbon and Graphite Products  |
| 3625  | Relays and Industrial Controls  |
| 3629  | Electrical Industrial Apparatus, NEC  |
| 3631  | Household Cooking Equipment   |
| 3632  | Household Refrigerators and Home and Farm Freezers  |
| 3633  | Household Laundry Equipment   |
| 3634  | Electric Housewares and Fans  |
| 3635  | Household Vacuum Cleaners   |
| 3639  | Household Appliances, NEC   |
| 3641  | Electric Lamp Bulbs and Tubes   |

| <b>Source Identification Code (SIC) Description</b> |   |
|---|---|
| <b>SIC</b>  | <b>Description</b>  |
| 3643  | Current-Carrying Wiring Devices   |
| 3644  | Noncurrent-Carrying Wiring Devices  |
| 3645  | Residential Electric Lighting Fixtures  |
| 3646  | Commercial, Industrial, and Institutional Electric Lighting Fixtures                                    |
| 3647  | Vehicular Lighting Equipment  |
| 3648  | Lighting Equipment, NEC   |
| 3651  | Household Audio and Video Equipment   |
| 3652  | Phonograph Records and Prerecorded Audio Tapes and Disks  |
| 3661  | Telephone and Telegraph Apparatus   |
| 3663  | Radio and Television Broadcasting and Communication Equipment   |
| 3669  | Communications Equipment, NEC   |
| 3671  | Electron Tubes  |
| 3672  | Printed Circuit Boards  |
| 3674  | Semiconductors and Related Devices  |
| 3675  | Electronic Capacitors   |
| 3676  | Electronic Resistors  |
| 3677  | Electronic Coils, Transformers, and Other Inductors   |
| 3678  | Electronic Connectors   |
| 3679  | Electronic Components, NEC  |
| 3691  | Storage Batteries   |
| 3692  | Primary Batteries, Dry and Wet  |
| 3694  | Electrical Equipment for Internal Combustion Engines  |
| 3695  | Magnetic and Optical Recording Media  |
| 3699  | Electrical Machinery, Equipment, and Supplies, NEC  |
| 3711  | Motor Vehicles and Passenger Car Bodies   |
| 3713  | Truck and Bus Bodies  |
| 3714  | Motor Vehicle Parts and Accessories   |
| 3715  | Truck Trailers  |
| 3716  | Motor Homes   |
| 3721  | Aircraft  |
| 3724  | Aircraft Engines and Engine Parts   |
| 3728  | Aircraft Parts and Auxiliary Equipment, NEC   |
| 3731  | Ship Building and Repairing   |
| 3732  | Boat Building and Repairing   |
| 3743  | Railroad Equipment  |
| 3751  | Motorcycles, Bicycles, and Parts  |
| 3761  | Guided Missiles and Space Vehicles  |
| 3764  | Guided Missile and Space Vehicle Propulsion Units and Propulsion Unit Parts                             |
| 3769  | Guided Missile Space Vehicle Parts and Auxiliary Equipment, NEC   |
| 3792  | Travel Trailers and Campers   |
| 3795  | Tanks and Tank Components   |
| 3799  | Transportation Equipment, NEC   |
| 3812  | Search, Detection, Navigation, Guidance, Aeronautical, and Nautical Systems and Instruments             |
| 3821  | Laboratory Apparatus and Furniture  |
| 3822  | Automatic Controls for Regulating Residential and Commercial Environments and Appliances                |
| 3823  | Industrial Instruments for Measurement, Display, and Control of Process Variables; and Related Products |

| <b>Source Identification Code (SIC) Description</b> |   |
|---|---|
| <b>SIC</b>  | <b>Description</b>  |
| 3824  | Totalizing Fluid Meters and Counting Devices                                |
| 3825  | Instruments for Measuring and Testing of Electricity and Electrical Signals |
| 3826  | Laboratory Analytical Instruments   |
| 3827  | Optical Instruments and Lenses  |
| 3829  | Measuring and Controlling Devices, NEC                                      |
| 3841  | Surgical and Medical Instruments and Apparatus                              |
| 3842  | Orthopedic, Prosthetic, and Surgical Appliances and Supplies                |
| 3843  | Dental Equipment and Supplies   |
| 3844  | X-Ray Apparatus and Tubes and Related Irradiation Apparatus                 |
| 3845  | Electromedical and Electrotherapeutic Apparatus                             |
| 3851  | Ophthalmic Goods  |
| 3861  | Photographic Equipment and Supplies   |
| 3873  | Watches, Clocks, Clockwork Operated Devices and Parts                       |
| 3911  | Jewelry, Precious Metal   |
| 3914  | Silverware, Plated Ware, and Stainless Steel Ware                           |
| 3915  | Jewelers' Findings and Materials, and Lapidary Work                         |
| 3931  | Musical Instruments   |
| 3942  | Dolls and Stuffed Toys  |
| 3944  | Games, Toys, and Children's Vehicles, Except Dolls and Bicycles             |
| 3949  | Sporting and Athletic Goods, NEC  |
| 3951  | Pens, Mechanical Pencils and Parts  |
| 3952  | Lead Pencils, Crayons, and Artist's Materials                               |
| 3953  | Marking Devices   |
| 3955  | Carbon Paper and Inked Ribbons  |
| 3961  | Costume Jewelry and Costume Novelties, Except Precious Metals               |
| 3965  | Fasteners, Buttons, Needles, and Pins                                       |
| 3991  | Brooms and Brushes  |
| 3993  | Signs and Advertising Specialties   |
| 3995  | Burial Caskets  |
| 3996  | Linoleum, Asphalted-Felt-Base, and Other Hard Surface Floor Coverings, NEC  |
| 3999  | Manufacturing Industries, NEC   |
| 4011  | Railroads, Line-haul Operating  |
| 4013  | Railroad Switching and Terminal Establishments                              |
| 4111  | Local and Suburban Transit  |
| 4119  | Local Passenger Transportation, NEC   |
| 4121  | Taxicabs  |
| 4131  | Intercity and Rural Bus Transportation                                      |
| 4141  | Local Bus Charter Service   |
| 4142  | Bus Charter Service, Except Local   |
| 4151  | School Buses  |
| 4173  | Terminal and Service Facilities for Motor Vehicle Passenger Transportation  |
| 4212  | Local Trucking Without Storage  |
| 4213  | Trucking, Except Local  |
| 4214  | Local Trucking with Storage   |
| 4215  | Couriers Services Except by Air   |
| 4221  | Farm Product Warehousing and Storage  |

| <b>Source Identification Code (SIC) Description</b> |  |
|---|--|
| <b>SIC</b>  | <b>Description</b>   |
| 4222  | Refrigerated Warehousing and Storage   |
| 4225  | General Warehousing and Storage  |
| 4226  | Special Warehousing and Storage, NEC   |
| 4231  | Terminal and Joint Terminal Maintenance Facilities for Motor Freight Transportation    |
| 4311  | United States Postal Service   |
| 4412  | Deep Sea Foreign Transportation of Freight   |
| 4424  | Deep Sea Domestic Transportation of Freight  |
| 4432  | Freight Transportation on the Great Lakes - St. Lawrence Seaway                        |
| 4449  | Water Transportation of Freight, NEC   |
| 4481  | Deep Sea Transportation of Passengers, Except by Ferry                                 |
| 4482  | Ferries  |
| 4489  | Water Transportation of Passengers, NEC  |
| 4491  | Marine Cargo Handling  |
| 4492  | Towing and Tugboat Services  |
| 4493  | Marinas  |
| 4499  | Water Transportation Services, NEC   |
| 4512  | Air Transportation, Scheduled  |
| 4513  | Air Courier Services   |
| 4522  | Air Transportation, Nonscheduled   |
| 4581  | Airports, Flying Fields, and Airport Terminal Services                                 |
| 4612  | Crude Petroleum Pipelines  |
| 4613  | Refined Petroleum Pipelines  |
| 4619  | Pipelines, NEC   |
| 4724  | Travel Agencies  |
| 4725  | Tour Operators   |
| 4729  | Arrangement of Passenger Transportation, NEC   |
| 4731  | Arrangement of Transportation of Freight and Cargo                                     |
| 4741  | Rental of Railroad Cars  |
| 4783  | Packing and Crating  |
| 4785  | Fixed Facilities and Inspection and Weighing Services for Motor Vehicle Transportation |
| 4789  | Transportation Services, NEC   |
| 4812  | Radiotelephone Communications  |
| 4813  | Telephone Communications, Except Radiotelephone  |
| 4822  | Telegraph and Other Message Communications   |
| 4832  | Radio Broadcasting Stations  |
| 4833  | Television Broadcasting Stations   |
| 4841  | Cable and Other Pay Television Services  |
| 4899  | Communications Services, NEC   |
| 4911  | Electric Services  |
| 4922  | Natural Gas Transmission   |
| 4923  | Natural Gas Transmission and Distribution  |
| 4924  | Natural Gas Distribution   |
| 4925  | Mixed, Manufactured, or Liquefied Petroleum Gas Production and/or Distribution         |
| 4931  | Electric and Other Services Combined   |
| 4932  | Gas and Other Services Combined  |
| 4939  | Combination Utilities, NEC   |

| <b>Source Identification Code (SIC) Description</b> |  |
|---|--|
| <b>SIC</b>  | <b>Description</b>   |
| 4941  | Water Supply   |
| 4952  | Sewerage Systems   |
| 4953  | Refuse Systems   |
| 4959  | Sanitary Services, NEC   |
| 4961  | Steam and Air-Conditioning Supply  |
| 4971  | Irrigation Systems   |
| 5012  | Automobiles and Other Motor Vehicles   |
| 5013  | Motor Vehicle Supplies and New Parts   |
| 5014  | Tires and Tubes  |
| 5015  | Motor Vehicle Parts, Used  |
| 5021  | Furniture  |
| 5023  | Home Furnishings   |
| 5031  | Lumber, Plywood, Millwork, and Wood Panels                                     |
| 5032  | Brick, Stone and Related Construction Materials                                |
| 5033  | Roofing, Siding, and Insulation Materials                                      |
| 5039  | Construction Materials, NEC  |
| 5043  | Photographic Equipment and Supplies  |
| 5044  | Office Equipment   |
| 5045  | Computers and Computer Peripheral Equipment and Software                       |
| 5046  | Commercial Equipment, NEC  |
| 5047  | Medical, Dental, and Hospital Equipment and Supplies                           |
| 5048  | Ophthalmic Goods   |
| 5049  | Professional Equipment and Supplies, NEC                                       |
| 5051  | Metals Service Centers and Offices   |
| 5052  | Coal and Other Minerals and Ores   |
| 5063  | Electrical Apparatus and Equipment Wiring Supplies, and Construction Materials |
| 5064  | Electrical Appliances, Television and Radio Sets                               |
| 5065  | Electronic Parts and Equipment, Not Elsewhere Classified                       |
| 5072  | Hardware   |
| 5074  | Plumbing and Heating Equipment and Supplies (Hydronics)                        |
| 5075  | Warm Air Heating and Air-Conditioning Equipment and Supplies                   |
| 5078  | Refrigeration Equipment and Supplies   |
| 5082  | Construction and Mining (Except Petroleum) Machinery and Equipment             |
| 5083  | Farm and Garden Machinery and Equipment  |
| 5084  | Industrial Machinery and Equipment   |
| 5085  | Industrial Supplies  |
| 5087  | Service Establishment Equipment and Supplies                                   |
| 5088  | Transportation Equipment and Supplies, Except Motor Vehicles                   |
| 5091  | Sporting and Recreational Goods and Supplies                                   |
| 5092  | Toys and Hobby Goods and Supplies  |
| 5093  | Scrap and Waste Materials  |
| 5094  | Jewelry, Watches, Precious Stones, and Precious Metals                         |
| 5099  | Durable Goods, NEC   |
| 5111  | Printing and Writing Paper   |
| 5112  | Stationery and Office Supplies   |
| 5113  | Industrial and Personal Service Paper  |

| <b>Source Identification Code (SIC) Description</b> |  |
|---|--|
| <b>SIC</b>  | <b>Description</b>   |
| 5122  | Drugs, Drug Proprietaries, and Druggists' Sundries                               |
| 5131  | Piece Goods, Notions, and Other Dry Goods  |
| 5136  | Men's and Boys' Clothing and Furnishings   |
| 5137  | Women's Children's and Infants' Clothing and Accessories                         |
| 5139  | Footwear   |
| 5141  | Groceries, General Line  |
| 5142  | Packaged Frozen Foods  |
| 5143  | Dairy Products, Except Dried or Canned   |
| 5144  | Poultry and Poultry Products   |
| 5145  | Confectionery  |
| 5146  | Fish and Seafoods  |
| 5147  | Meats and Meat Products  |
| 5148  | Fresh Fruits and Vegetables  |
| 5149  | Groceries and Related Products, NEC  |
| 5153  | Grain and Field Beans  |
| 5154  | Livestock  |
| 5159  | Farm-Product Raw Materials, NEC  |
| 5162  | Plastics Materials and Basic Forms and Shapes                                    |
| 5169  | Chemicals and Allied Products, NEC   |
| 5171  | Petroleum Bulk Stations and Terminals  |
| 5172  | Petroleum and Petroleum Products Wholesalers, Except Bulk Stations and Terminals |
| 5181  | Beer and Ale   |
| 5182  | Wine and Distilled Alcoholic Beverages   |
| 5191  | Farm Supplies  |
| 5192  | Books, Periodicals, and Newspapers   |
| 5193  | Flowers, Nursery Stock, and Florists' Supplies                                   |
| 5194  | Tobacco and Tobacco Products   |
| 5198  | Paint, Varnishes, and Supplies   |
| 5199  | Nondurable Goods, NEC  |
| 5211  | Lumber and Other Building Materials Dealers                                      |
| 5231  | Paint, Glass, and Wallpaper Stores   |
| 5251  | Hardware Stores  |
| 5261  | Retail Nurseries, Lawn and Garden Supply Stores                                  |
| 5271  | Mobile Home Dealers  |
| 5311  | Department Stores  |
| 5331  | Variety Stores   |
| 5399  | Miscellaneous General Merchandise Stores   |
| 5411  | Grocery Stores   |
| 5421  | Meat and Fish (Seafood) Markets, Including Freezer Provisioners                  |
| 5431  | Fruit and Vegetable Markets  |
| 5441  | Candy, Nut, and Confectionery Stores   |
| 5451  | Dairy Products Stores  |
| 5461  | Retail Bakeries  |
| 5499  | Miscellaneous Food Stores  |
| 5511  | Motor Vehicle Dealers (New and Used)   |
| 5521  | Motor Vehicle Dealers (Used Only)  |

| <b>Source Identification Code (SIC) Description</b> |  |
|---|--|
| <b>SIC</b>  | <b>Description</b>                                 |
| 5531  | Auto and Home Supply Stores                        |
| 5541  | Gasoline Service Stations                          |
| 5551  | Boat Dealers                                       |
| 5561  | Recreational Vehicle Dealers                       |
| 5571  | Motorcycle Dealers                                 |
| 5599  | Automotive Dealers, NEC                            |
| 5611  | Men's and Boys' Clothing and Accessory Stores      |
| 5621  | Women's Clothing Stores                            |
| 5632  | Women's Accessory and Specialty Stores             |
| 5641  | Children's and Infants' Wear Stores                |
| 5651  | Family Clothing Stores                             |
| 5661  | Shoe Stores  |
| 5699  | Miscellaneous Apparel and Accessory Stores         |
| 5712  | Furniture Stores                                   |
| 5713  | Floor Covering Stores                              |
| 5714  | Drapery, Curtain, and Upholstery Stores            |
| 5719  | Miscellaneous Homefurnishings Stores               |
| 5722  | Household Appliance Stores                         |
| 5731  | Radio, Television, and Consumer Electronics Stores |
| 5734  | Computer and Computer Software Stores              |
| 5735  | Record and Prerecorded Tape Stores                 |
| 5736  | Musical Instrument Stores                          |
| 5812  | Eating and Drinking Places                         |
| 5813  | Drinking Places (Alcoholic Beverages)              |
| 5912  | Drug Stores and Proprietary Stores                 |
| 5921  | Liquor Stores                                      |
| 5932  | Used Merchandise Stores                            |
| 5941  | Sporting Goods Stores and Bicycle Shops            |
| 5942  | Book Stores  |
| 5943  | Stationery Stores                                  |
| 5944  | Jewelry Stores                                     |
| 5945  | Hobby, Toy, and Game Shops                         |
| 5946  | Camera and Photographic Supply Stores              |
| 5947  | Gift, Novelty, and Souvenir Shops                  |
| 5948  | Luggage and Leather Goods Stores                   |
| 5949  | Sewing, Needlework, and Piece Goods Stores         |
| 5961  | Catalog and Mail-Order Houses                      |
| 5962  | Automatic Merchandising Machine Operator           |
| 5963  | Direct Selling Establishments                      |
| 5983  | Fuel Oil Dealers                                   |
| 5984  | Liquefied Petroleum Gas (Bottled Gas) Dealers      |
| 5989  | Fuel Dealers, NEC                                  |
| 5992  | Florists   |
| 5993  | Tobacco Stores and Stands                          |
| 5994  | News Dealers and Newsstands                        |
| 5995  | Optical Goods Stores                               |

| Source Identification Code (SIC) Description |   |
|--|---|
| SIC  | Description   |
| 5999   | Miscellaneous Retail Stores, NEC                                    |
| 6011   | Federal Reserve Banks   |
| 6019   | Central Reserve Depository Institutions, NEC                        |
| 6021   | National Commercial Banks   |
| 6022   | State Commercial Banks  |
| 6029   | Commercial Banks, NEC   |
| 6035   | Savings Institutions, Federally Chartered                           |
| 6036   | Savings institutions, Not Federally Chartered                       |
| 6061   | Credit Unions, Federally Chartered                                  |
| 6062   | Credit Unions, Not Federally Chartered                              |
| 6081   | Branches and Agencies of Foreign Banks                              |
| 6082   | Foreign Trade and International Banking Institutions                |
| 6091   | Nondeposit Trust Facilities   |
| 6099   | Functions Related to Deposit Banking, NEC                           |
| 6111   | Federal and Federally Sponsored Credit Agencies                     |
| 6141   | Personal Credit Institutions  |
| 6153   | Short-Term Business Credit Institutions, Except Agricultural        |
| 6159   | Miscellaneous Business Credit Institutions                          |
| 6162   | Mortgage Bankers and Loan Correspondents                            |
| 6163   | Loan Brokers  |
| 6211   | Security Brokers, Dealers, and Flotation Companies                  |
| 6221   | Commodity Contracts Brokers and Dealers                             |
| 6231   | Security and Commodity Exchanges                                    |
| 6282   | Investment Advice   |
| 6289   | Services Allied With the Exchange of Securities or Commodities, NEC |
| 6311   | Life Insurance  |
| 6321   | Accident and Health Insurance                                       |
| 6324   | Hospital and Medical Service Plans                                  |
| 6331   | Fire, Marine, and Casualty Insurance                                |
| 6351   | Surety Insurance  |
| 6361   | Title Insurance   |
| 6371   | Pension, Health, and Welfare Funds                                  |
| 6399   | Insurance Carriers, NEC   |
| 6411   | Insurance Agents, Brokers, and Service                              |
| 6512   | Operators of Nonresidential Buildings                               |
| 6513   | Operators of Apartment Buildings                                    |
| 6514   | Operators of Dwellings Other Than Apartment Buildings               |
| 6515   | Operators of Residential Mobile Home Sites                          |
| 6517   | Lessors of Railroad Property  |
| 6519   | Lessors of Real Property, NEC                                       |
| 6531   | Real Estate Agents and Managers                                     |
| 6541   | Title Abstract Offices  |
| 6552   | Land Subdividers and Developers, Except Cemeteries                  |
| 6553   | Cemetery Subdividers and Developers                                 |
| 6712   | Offices of Bank Holding Companies                                   |
| 6719   | Offices of Holding Companies, NEC                                   |

| <b>Source Identification Code (SIC) Description</b> |   |
|---|---|
| <b>SIC</b>  | <b>Description</b>  |
| 6722  | Management Investment Offices, Open-End   |
| 6726  | Unit Investment Trusts, Face-Amount Certificate Offices, and Closed-End Management Investment Offices |
| 6732  | Education, Religious, and Charitable Trusts   |
| 6733  | Trusts, Except Educational, Religious, and Charitable   |
| 6792  | Oil Royalty Traders   |
| 6794  | Patent Owners and Lessors   |
| 6798  | Real Estate Investment Trusts   |
| 6799  | Investors, NEC  |
| 7011  | Hotels and Motels   |
| 7021  | Rooming and Boarding Houses   |
| 7032  | Sporting and Recreational Camps   |
| 7033  | Recreational Vehicle Parks and Campsites  |
| 7041  | Organization Hotels and Lodging Houses, on Membership Basis   |
| 7211  | Power Laundries, Family and Commercial  |
| 7212  | Garment Pressing, and Agents for Laundries  |
| 7213  | Linen Supply  |
| 7215  | Coin-Operated Laundry and Drycleaning   |
| 7216  | Drycleaning Plants, Except Rug Cleaning   |
| 7217  | Carpet and Upholstery Cleaning  |
| 7218  | Industrial Launderers   |
| 7219  | Laundry and Garment Services, NEC   |
| 7221  | Photographic Studios, Portrait  |
| 7231  | Beauty Shops  |
| 7241  | Barber Shops  |
| 7251  | Shoe Repair Shops and Shoeshine Parlors   |
| 7261  | Funeral Services and Crematories  |
| 7291  | Tax Return Preparation Services   |
| 7299  | Miscellaneous Personal Services, NEC  |
| 7311  | Advertising Agencies  |
| 7312  | Outdoor Advertising Services  |
| 7313  | Radio, Television, and Publishers' Advertising Representatives  |
| 7319  | Advertising, NEC  |
| 7322  | Adjustment and Collection Services  |
| 7323  | Credit Reporting Services   |
| 7331  | Direct Mail Advertising Services  |
| 7334  | Photocopying and Duplicating Services   |
| 7335  | Commercial Photography  |
| 7336  | Commercial Art and Graphic Design   |
| 7338  | Secretarial and Court Reporting Services  |
| 7342  | Disinfecting and Pest Control Services  |
| 7349  | Building Cleaning and Maintenance Services, NEC   |
| 7352  | Medical Equipment Rental and Leasing  |
| 7353  | Heavy Construction Equipment Rental and Leasing   |
| 7359  | Equipment Rental and Leasing, NEC   |
| 7361  | Employment Agencies   |
| 7363  | Help Supply Services  |

| <b>Source Identification Code (SIC) Description</b> |  |
|---|--|
| <b>SIC</b>  | <b>Description</b>   |
| 7371  | Computer Programming Services  |
| 7372  | Prepackaged Software   |
| 7373  | Computer Integrated Systems Design   |
| 7374  | Computer Processing and Data Preparation and Processing Services                   |
| 7375  | Information Retrieval Services   |
| 7376  | Computer Facilities Management Services  |
| 7377  | Computer Rental and Leasing  |
| 7378  | Computer Maintenance and Repair  |
| 7379  | Computer Related Services, NEC   |
| 7381  | Detective, Guard, and Armored Car Services   |
| 7382  | Security Systems Services  |
| 7383  | News Syndicates  |
| 7384  | Photofinishing Laboratories  |
| 7389  | Business Services, NEC   |
| 7513  | Truck Rental and Leasing, Without Drivers  |
| 7514  | Passenger Car Rental   |
| 7515  | Passenger Car Leasing  |
| 7519  | Utility Trailer and Recreational Vehicle Rental                                    |
| 7521  | Automobile Parking   |
| 7532  | Top, Body, and Upholstery Repair Shops and Paint Shops                             |
| 7533  | Automotive Exhaust System Repair Shops   |
| 7534  | Tire Retreading and Repair Shops   |
| 7536  | Automotive Glass Replacement Shops   |
| 7537  | Automotive Transmission Repair Shops   |
| 7538  | General Automotive Repair Shops  |
| 7539  | Automotive Repair Shops, NEC   |
| 7542  | Carwashes  |
| 7549  | Automotive Services, Except Repair and Carwashes                                   |
| 7622  | Radio and Television Repair Shops  |
| 7623  | Refrigeration and Air-Conditioning Services and Repair Shops                       |
| 7629  | Electrical and Electronic Repair Shops, NEC  |
| 7631  | Watch, Clock, and Jewelry Repair   |
| 7641  | Reupholster and Furniture Repair   |
| 7692  | Welding Repair   |
| 7694  | Armature Rewinding Shops   |
| 7699  | Repair Shops and Related Services, NEC   |
| 7812  | Motion Picture and Video Tape Production   |
| 7819  | Services Allied to Motion Picture Production                                       |
| 7822  | Motion Picture and Video Tape Distribution   |
| 7829  | Services Allied to Motion Picture Distribution                                     |
| 7832  | Motion Picture Theaters, Except Drive-Ins.   |
| 7833  | Drive-In Motion Picture Theaters   |
| 7841  | Video Tape Rental  |
| 7911  | Dance Studios, Schools, and Halls  |
| 7922  | Theatrical Producers (Except Motion Picture) and Miscellaneous Theatrical Services |
| 7929  | Bands, Orchestras, Actors, and Other Entertainers and Entertainment Groups         |

| <b>Source Identification Code (SIC) Description</b> |   |
|---|---|
| <b>SIC</b>  | <b>Description</b>                                  |
| 7933  | Bowling Centers                                     |
| 7941  | Professional Sports Clubs and Promoters             |
| 7948  | Racing, Including Track Operations                  |
| 7991  | Physical Fitness Facilities                         |
| 7992  | Public Golf Courses                                 |
| 7993  | Coin Operated Amusement Devices                     |
| 7996  | Amusement Parks                                     |
| 7997  | Membership Sports and Recreation Clubs              |
| 7999  | Amusement and Recreation Services, NEC              |
| 8011  | Offices and Clinics of Doctors of Medicine          |
| 8021  | Offices and Clinics of Dentists                     |
| 8031  | Offices and Clinics of Doctors of Osteopathy        |
| 8041  | Offices and Clinics of Chiropractors                |
| 8042  | Offices and Clinics of Optometrists                 |
| 8043  | Offices and Clinics of Podiatrists                  |
| 8049  | Offices and Clinics of Health Practitioners, NEC    |
| 8051  | Skilled Nursing Care Facilities                     |
| 8052  | Intermediate Care Facilities                        |
| 8059  | Nursing and Personal Care Facilities, NEC           |
| 8062  | General Medical and Surgical Hospitals              |
| 8063  | Psychiatric Hospitals                               |
| 8069  | Specialty Hospitals, Except Psychiatric             |
| 8071  | Medical Laboratories                                |
| 8072  | Dental Laboratories                                 |
| 8082  | Home Health Care Services                           |
| 8092  | Kidney Dialysis Centers                             |
| 8093  | Specialty Outpatient Facilities, NEC                |
| 8099  | Health and Allied Services, NEC                     |
| 8111  | Legal Services                                      |
| 8211  | Elementary and Secondary Schools                    |
| 8221  | Colleges, Universities, and Professional Schools    |
| 8222  | Junior Colleges and Technical Institutes            |
| 8231  | Libraries   |
| 8243  | Data Processing Schools                             |
| 8244  | Business and Secretarial Schools                    |
| 8249  | Vocational Schools, NEC                             |
| 8299  | Schools and Educational Services, NEC               |
| 8322  | Individual and Family Social Services               |
| 8331  | Job Training and Vocational Rehabilitation Services |
| 8351  | Child Day Care Services                             |
| 8361  | Residential Care                                    |
| 8399  | Social Services, NEC                                |
| 8412  | Museums and Art Galleries                           |
| 8422  | Arboreta and Botanical or Zoological Gardens        |
| 8611  | Business Associations                               |
| 8621  | Professional Membership Organizations               |

| <b>Source Identification Code (SIC) Description</b> |   |
|---|---|
| <b>SIC</b>  | <b>Description</b>  |
| 8631  | Labor Unions and Similar Labor Organizations  |
| 8641  | Civic, Social, and Fraternal Associations   |
| 8651  | Political Organizations   |
| 8661  | Religious Organizations   |
| 8699  | Membership Organizations, NEC   |
| 8711  | Engineering Services  |
| 8712  | Architectural Services  |
| 8713  | Surveying Services  |
| 8721  | Accounting, Auditing, and Bookkeeping Services                                      |
| 8731  | Commercial Physical and Biological Research   |
| 8732  | Commercial Economic, Sociological, and Educational Research                         |
| 8733  | Noncommercial Research Organizations  |
| 8734  | Testing Laboratories  |
| 8741  | Management Services   |
| 8742  | Management Consulting Services  |
| 8743  | Public Relations Services   |
| 8744  | Facilities Support Management Services  |
| 8748  | Business Consulting Services, NEC   |
| 8811  | Private Households  |
| 8999  | Services, NEC   |
| 9111  | Executive Offices   |
| 9121  | Legislative Bodies  |
| 9131  | Executive and Legislative Offices, Combined   |
| 9199  | General Government, NEC   |
| 9211  | Courts  |
| 9221  | Police Protection   |
| 9222  | Legal Counsel and Prosecution   |
| 9223  | Correctional Institutions   |
| 9224  | Fire Protection   |
| 9229  | Public Order and Safety, NEC  |
| 9311  | Public Finance, Taxation, and Monetary Policy                                       |
| 9411  | Administration of Educational Programs  |
| 9431  | Administration of Public Health Programs  |
| 9441  | Administration of Social, Human Resource and Income Maintenance Programs            |
| 9451  | Administration of Veteran's Affairs, Except Health Insurance                        |
| 9511  | Air and Water Resource and Solid Waste Management                                   |
| 9512  | Land, Mineral, Wildlife, and Forest Conservation                                    |
| 9531  | Administration of Housing Programs  |
| 9532  | Administration of Urban Planning and Community and Rural Development                |
| 9611  | Administration of General Economic Programs   |
| 9621  | Regulations and Administration of Transportation Programs                           |
| 9631  | Regulation and Administration of Communications, Electric, Gas, and Other Utilities |
| 9641  | Regulation of Agricultural Marketing and Commodity                                  |
| 9651  | Regulation, Licensing, and Inspection of Miscellaneous Commercial Sectors           |
| 9661  | Space Research and Technology   |
| 9711  | National Security   |

| Source Identification Code (SIC) Description |                                |
|--|--------------------------------|
| SIC  | Description                    |
| 9721   | International Affairs          |
| 9999   | Nonclassifiable Establishments |

## ***Toxics Release Inventory (SARA Form R) Reporting***

The Air Reporting System (ARS) Internet reporting software *cannot be used* for SARA Form R reporting. The following information supplies background on SARA and the federal and state reporting requirements.

The Emergency Planning and Community Right-to-Know Act of 1986 (EPCRA), Title III, Section 313, also known as the Superfund Amendment and Reauthorization Act (SARA), requires owners and operators of specific types of industries to annually report their toxic chemicals to all environmental mediums (air, water, land, and off-site transfers.). This information is made available through a public database called the Toxics Release Inventory, or TRI. All federal facilities and federally owned facilities that are operated by federal agencies or contractors are required to report their toxic chemical releases under SARA 313. On October 29, 1999, the EPA promulgated a final rule lowering the thresholds for reporting under SARA Section 313 for certain persistent bioaccumulative toxic chemicals (64 FR 58666). On January 17, 2001, the EPA promulgated a final rule lowering the threshold for reporting lead and lead compounds under SARA Section 313.

The annual report required by regulation is a form produced by the EPA entitled "Form R." A completed Form R must be submitted for each SARA Section 313 toxic chemical manufactured, processed, or otherwise used in excess of SARA Section 313 thresholds. The Form R contains sections for the facility identification, chemical identification, and release estimates for all environmental media. Starting with the 1995 reporting year, facilities with lower levels of reportable amounts that do not manufacture, process, or otherwise use more than 1 million pounds of the chemical can file a much shorter certification statement entitled "Form A". Form A certifies that the facility met the conditions required, but does not require reporting of any amounts of the toxic chemical released or otherwise managed as waste.

Each year, the EPA publishes new Form R and Form A instruction booklets containing updated versions of these forms. Forms for any calendar year must be submitted on or before July 1 of the following year. This deadline is subject to change if the EPA finds it necessary to do so.

The Wisconsin Statute that covers TRI is more inclusive than EPA in who must report. In Wisconsin, all public agencies and private agencies, regardless of SIC code, that meet the other TRI reporting criteria must file Form R or Form A with the state (s. 323.60(5)(d) to (f), Wis. Stats., and ch. WEM 3, Wis. Adm. Code).

Questions regarding TRI can be directed to:

Greg Pils, SS/7  
 Chief, Science Business Services Section  
 Bureau of Science Services  
 Wisconsin Department of Natural Resources  
 101 South Webster Street  
 P.O. Box 7921  
 Madison, WI 53707-7921

Office: 608-267-9564  
 Fax: 608-266-5226  
[Gregory.Pils@wisconsin.gov](mailto:Gregory.Pils@wisconsin.gov)

## VOC species – state and federal reporting

### Compounds considered ROG

Reactive Organic Gases (ROG), which are equivalent to Volatile Organic Compounds (VOC), are comprised of many compounds (i.e. species). People reporting air emissions should check that the total amount of speciated VOCs does not exceed the total ROG reported at the facility. DNR and EPA maintain different lists of VOC species for reporting purposes. EPA uses information from [http://www.epa.gov/ttn/naaqs/ozone/ozonetech/def\\_voc.htm](http://www.epa.gov/ttn/naaqs/ozone/ozonetech/def_voc.htm) and [http://www.dep.wv.gov/daq/Air%20Toxics/Pages/HazardousAirPollutants\(HAPs\)List.aspx](http://www.dep.wv.gov/daq/Air%20Toxics/Pages/HazardousAirPollutants(HAPs)List.aspx)

| VOC Compounds (Species) |   |                    |                               |            |              |
|-------------------------|---|--------------------|-------------------------------|------------|--------------|
| CAS Number              | Compound                                      | ARS Reporting Code | DNR Reporting Threshold (lbs) | State VOC? | Federal VOC? |
| 811-97-2                | 1,1,1,2-Tetrafluoroethane                     | TFE,1112           | 6000                          | Y          | N            |
| 71-55-6                 | 1,1,1-Trichloroethane                         | TCE,111            | 6000                          | Y          | Y            |
| 79-34-5                 | 1,1,2,2-Tetrachloroethane                     | TETCLET,1122       | 1615                          | Y          | Y            |
| 79-00-5                 | 1,1,2-Trichloroethane                         | TRICLETH,112       | 6000                          | Y          | Y            |
| 594-72-9                | 1,1-Dichloro-1-nitroethane                    | DICHLORONITR       | 2771                          | Y          | N            |
| 75-34-3                 | 1,1-Dichloroethane                            | DICLETH,11-        | 6000                          | Y          | Y            |
| 75-37-6                 | 1,1-Difluoroethane                            | DIFLUORO-1,1       | 6000                          | Y          | N            |
| 57-14-7                 | 1,1-Dimethylhydrazine                         | DIMETH HY,11       | 1.22                          | Y          | Y            |
| 96-18-4                 | 1,2,3-Trichloropropane                        | TRICHLOROPRO       | 1.22                          | Y          | N            |
| 120-82-1                | 1,2,4-Trichlorobenzene                        | TRICLBNZ,124       | 6000                          | Y          | Y            |
| 96-12-8                 | 1,2-Dibromo-3-chloropropane (DBCP)            | DIBROMO3,12        | 0.47                          | Y          | Y            |
| 106-93-4                | 1,2-Dibromoethane (EDB)                       | DIBROMOET,12       | 4.04                          | Y          | Y            |
| 107-06-2                | 1,2-Dichloroethane (Ethylene dichloride; EDC) | DICHLORETH12       | 34.2                          | Y          | Y            |
| 78-87-5                 | 1,2-Dichloropropane                           | DICHLORPROPA       | 355                           | Y          | Y            |
| 106-88-7                | 1,2-Epoxybutane (1,2-Butylene oxide)          | EPOXYBUT,12        | 1777                          | Y          | Y            |
| 106-99-0                | 1,3-Butadiene                                 | BUTADIENE,13       | 3.17                          | Y          | Y            |
| 542-75-6                | 1,3-Dichloropropene                           | DICHLORPROPE       | 222                           | Y          | Y            |
| 1120-71-4               | 1,3-Propane sultone                           | PROPANESU,13       | 1.29                          | Y          | Y            |
| 123-91-1                | 1,4-Dioxane (1,4-Diethylene oxide)            | DIOXANE            | 115                           | Y          | Y            |
| 117-10-2                | 1,8-Dihydroxyanthroquinone                    | DIHYDROXYANT       | 40.4                          | Y          | N            |
| 592-41-6                | 1-Hexene                                      | HEXENE,1           | 6000                          | Y          | N            |
| 108-03-2                | 1-Nitropropane                                | NITROPROPANE       | 6000                          | Y          | N            |
| 5522-43-0               | 1-Nitropyrene                                 | NITROPYRENE        | 8.08                          | Y          | N            |

|          |   |              |      |   |   |
|----------|---|--------------|------|---|---|
| 540-84-1 | 2,2,4-Trimethylpentane  | TRIME-PENTAN | 6000 | Y | Y |
| 95-95-4  | 2,4,5-Trichlorophenol   | TRICLPHN,245 | 6000 | Y | Y |
| 88-06-2  | 2,4,6-Trichlorophenol   | TRICLPHN,246 | 287  | Y | Y |
| 584-84-9 | 2,4-/2,6-Toluene diisocyanate (mixtures and isomers) (TDI;Toluene diisocyanate) | 2426 Tol DI  | 6.22 | Y | N |
| 94-75-7  | 2,4-D, salts and esters   | D,2,4        | 6000 | N | Y |
| 95-80-7  | 2,4-Diaminotoluene  | TOL DIAMIN24 | 0.81 | Y | Y |
| 51-28-5  | 2,4-Dinitrophenol   | DINITROPH,24 | 6000 | Y | Y |
| 53-96-3  | 2-Acetylaminofluorene   | ACETYLAMIN,2 | 6000 | Y | Y |
| 532-27-4 | 2-Chloroacetophenone  | CLACETOPHE,2 | 74.4 | Y | Y |
| 110-80-5 | 2-Ethoxyethanol   | ETHOXETHANOL | 4336 | Y | N |
| 111-15-9 | 2-Ethoxyethyl acetate   | CELLOSOLVEAC | 6000 | Y | N |
| 999-61-1 | 2-Hydroxypropyl acrylate  | HYDROXYPROPY | 626  | Y | N |
| 109-59-1 | 2-Isopropoxyethanol   | ISOPROP 2    | 6000 | Y | N |
| 109-86-4 | 2-Methoxyethanol (Methyl Cellosolve; EGME)                                      | METHOXETH    | 3661 | Y | N |
| 110-49-6 | 2-Methoxyethyl acetate (EGMEA; Methyl Cellosolve acetate)                       | METH 2CELLOA | 5684 | Y | N |
| 79-46-9  | 2-Nitropropane  | NITROPROPA,2 | 1.22 | Y | Y |
| 91-94-1  | 3,3'-Dichlorobenzidine  | DICLBENZD,33 | 2.61 | Y | Y |
| 119-93-7 | 3,3'-Dimethylbenzidine (o-Tolidine)   | DIMETHBNZ,33 | 1.22 | Y | Y |
| 101-14-4 | 4,4'-Methylene bis(2-chloroaniline) (MOCA)                                      | METEN BIS,44 | 2.07 | N | Y |
| 101-77-9 | 4,4'-Methylenedianiline (and dihydrochloride) [MDA]                             | METHENE DIAN | 1.93 | Y | Y |
| 92-67-1  | 4-Aminobiphenyl   | AMINOBIPHE,4 | 0.15 | Y | Y |
| 60-11-7  | 4-Dimethylaminoazobenzene   | DIMETH AMINO | 0.68 | Y | Y |
| 92-93-3  | 4-Nitrobiphenyl   | NITRBIPHEN,4 | 6000 | Y | Y |
| 100-02-7 | 4-Nitrophenol   | NITROPHENL,4 | 6000 | N | Y |
| 75-07-0  | Acetaldehyde  | ACETALDEHYDE | 404  | Y | Y |
| 60-35-5  | Acetamide   | ACETAMIDE    | 6000 | Y | N |
| 64-19-7  | Acetic acid   | ACETIC ACID  | 5774 | Y | N |
| 108-24-7 | Acetic anhydride  | ACETIC ANHYD | 4912 | Y | N |
| 75-05-8  | Acetonitrile  | ACETONITRILE | 6000 | Y | Y |
| 98-86-2  | Acetophenone  | ACETOPHENONE | 6000 | Y | Y |
| 107-02-8 | Acrolein  | ACROLEIN     | 75   | Y | Y |
| 79-06-1  | Acrylamide  | ACRYLAMIDE   | 0.68 | Y | Y |
| 79-10-7  | Acrylic acid  | ACRYLIC ACID | 88.8 | Y | N |
| 107-13-1 | Acrylonitrile   | ACRYLONITRIL | 13.1 | Y | Y |
| 107-18-6 | Allyl alcohol   | ALLYLALCOHOL | 279  | Y | N |
| 107-05-1 | Allyl chloride  | ALLYL CHLORI | 736  | Y | Y |
| 106-92-3 | Allyl glycidyl ether  | ALLGLYETHER  | 1098 | Y | N |
| 62-53-3  | Aniline   | ANILINE      | 1792 | Y | Y |
| 71-43-2  | Benzene   | BENZENE      | 114  | Y | Y |
| 92-87-5  | Benzidine   | BENZIDINE    | 0.01 | Y | Y |
| 50-32-8  | Benzo(a)pyrene  | BENZO(A)PYRE | 0.81 | Y | N |

|             |   |              |        |   |   |
|-------------|---|--------------|--------|---|---|
| 98-07-7     | Benzotrichloride                                    | BENZOTRICHLO | 1.22   | Y | Y |
| 140-11-4    | Benzyl acetate                                      | BENZYLACETAT | 6000   | Y | N |
| 100-44-7    | Benzyl chloride                                     | BENZYL CHLOR | 1218   | N | Y |
| 92-52-4     | Biphenyl  | BIPHENYL     | 297    | Y | Y |
| 3033-62-3   | Bis (2-dimethylaminoethyl) ether                    | BIS ETHER    | 77.1   | Y | N |
| 542-88-1    | Bis (chloromethyl) ether (BCME) and technical grade | BIS(CLMETH)  | 1.22   | Y | Y |
| 111-44-4    | Bis(2-chloroethyl)ether (Dichloroethyl ether)       | BIS(2-CLETH) | 6000   | Y | Y |
| 10294-33-4  | Boron tribromide                                    | BORONTRIBROM | 3352   | Y | N |
| 7637-07-2   | Boron trifluoride                                   | BORONTRIFLUO | 907    | Y | N |
| 75-25-2     | Bromoform   | BROMOFORM    | 1216   | Y | Y |
| 111-76-2    | Butyl Cellosolve                                    | BUTYL CELL   | 6000   | Y | N |
| 156-62-7    | Calcium cyanamide                                   | CALCIUM CYAN | 118    | Y | Y |
| 133-06-2    | Captan  | CAPTAN       | 1176   | Y | Y |
| 63-25-2     | Carbaryl  | CARBARYL     | 1176   | Y | Y |
| 1563-66-2   | Carbofuran  | CARBOFURAN   | 23.5   | Y | N |
| 75-15-0     | Carbon disulfide                                    | CARBON DISUL | 6000   | N | Y |
| 56-23-5     | Carbon tetrachloride                                | CARBON TETRA | 59.2   | Y | Y |
| 353-50-4    | Carbonyl fluoride                                   | CARBONYLFLUO | 1270   | Y | N |
| 463-58-1    | Carbonyl sulfide                                    | CARBONYL SUL | 6000   | N | Y |
| 120-80-9    | Catechol (Pyrocatechol)                             | CATECHOL     | 5298   | Y | Y |
| 133-90-4    | Chloramben  | CHLORAMBEN   | 6000   | Y | Y |
| 57-74-9     | Chlordane   | CHLORDANE    | 118    | Y | Y |
| 115-28-6    | Chlorendic acid                                     | CHLORENDICAC | 34.2   | Y | N |
| 8001-35-2   | Chlorinated camphene (Toxaphene)                    | CHLOR CAMPH  | 2.78   | Y | Y |
| 55720-99-5  | Chlorinated diphenyl oxide                          | CHLORDIPHENO | 118    | Y | N |
| 108171-26-2 | Chlorinated paraffins (C12; 60% chlorine)           | CHLORPARAFF  | 35.5   | Y | N |
| 79-11-8     | Chloroacetic acid                                   | CHLOROACETIC | 6000   | Y | Y |
| 108-90-7    | Chlorobenzene (Monochlorobenzene)                   | CHLOROBENZ   | 6000   | Y | Y |
| 510-15-6    | Chlorobenzilate                                     | CLBENZILATE  | 6000   | Y | Y |
| 74-97-5     | Chlorobromomethane                                  | CHLORBROMETH | 100000 | Y | N |
| 67-66-3     | Chloroform  | CHLOROFORM   | 38.6   | Y | Y |
| 107-30-2    | Chloromethyl methyl ether (CMME)                    | CLMETH METH  | 1.22   | Y | Y |
|             | Coke oven emissions                                 | COKE OVEN GS | 1.43   | Y | Y |
| 1319-77-3   | Cresol (mixtures and isomers)                       | CRESOL MX IS | 5203   | Y | Y |
| 299-86-5    | Crufomate   | CRUFOMATE    | 1176   | Y | N |
| 460-19-5    | Cyanogen  | CYANOGEN     | 5008   | Y | N |
| 506-77-4    | Cyanogen chloride                                   | CYANOGENCHLO | 247    | Y | N |
| 108-93-0    | Cyclohexanol  | CYCHEXANOL   | 6000   | Y | N |
| 108-94-1    | Cyclohexanone                                       | CYCHEXANONE  | 6000   | Y | N |
| 108-91-8    | Cyclohexylamine                                     | CYCLOHEXYLAM | 6000   | Y | N |

|            |  |              |        |   |   |
|------------|--|--------------|--------|---|---|
| 121-82-4   | Cyclonite  | CYCLONITE    | 118    | Y | N |
| 542-92-7   | Cyclopentadiene  | CYCLOPENTADI | 6000   | Y | N |
| 4342-03-4  | Dacarbazine  | DACARBAZINE  | 0.06   | Y | N |
| 123-42-2   | Diacetone alcohol                                      | DIACETNE ALC | 6000   | Y | N |
| 334-88-3   | Diazomethane   | DIAZOMETHANE | 80.9   | Y | Y |
| 226-36-8   | Dibenz(a,h)acridine                                    | DIBENZACR AH | 8.08   | Y | N |
| 53-70-3    | Dibenz(a,h)anthracene                                  | DIBENZAHAH   | 0.74   | Y | N |
| 224-42-0   | Dibenz(a,j)acridine                                    | DIBENZACR AJ | 8.08   | Y | N |
| 192-65-4   | Dibenzo(a,e)pyrene                                     | DIBENZa,ePYR | 0.81   | Y | N |
| 189-55-9   | Dibenzo(a,i)pyrene                                     | DIBENZ(AI)PY | 0.08   | Y | N |
| 191-30-0   | Dibenzo(a,l)pyrene                                     | DIBENZa,lPYR | 0.08   | Y | N |
| 132-64-9   | Dibenzofuran   | DIBENZOFURAN | 6000   | N | Y |
| 19287-45-7 | Diborane   | DIBORANE     | 26.6   | Y | N |
| 84-74-2    | Dibutyl phthalate (Di-n-butyl phthalate)               | DIBUTYL PHTH | 1176   | Y | Y |
| 111-44-4   | Dichloroethyl ether (Bis (2-chloroethyl) ether)        | DICHLETH ETH | 6000   | Y | Y |
| 62-73-7    | Dichlorvos   | DICHLORVOS   | 44.4   | Y | Y |
| 111-42-2   | Diethanolamine   | DIETHANOLAMI | 471    | Y | Y |
| 117-81-7   | Diethyl hexyl phthalate (Bis(2-ethyl hexyl) phthalate) | DEHP         | 1176   | Y | Y |
| 96-22-0    | Diethyl ketone   | DIETHYLKETON | 100000 | Y | N |
| 84-66-2    | Diethyl phthalate                                      | DIETHYL PHTH | 1176   | Y | N |
| 64-67-5    | Diethyl sulfate  | DIETH SULFAT | 1.22   | Y | Y |
| 109-89-7   | Diethylamine   | DIETHYLAMINE | 3519   | Y | N |
| 111-40-0   | Diethylene triamine                                    | DIETHENE TRI | 993    | Y | N |
| 2238-07-5  | Diglycidyl ether (DGE)                                 | DIGLYCIDYLET | 125    | Y | N |
| 101-90-6   | Diglycidyl resorcinol ether                            | DIREOETHER   | 1.81   | Y | N |
| 108-83-8   | Diisobutyl ketone                                      | DIISOBUTYLKE | 6000   | Y | N |
| 108-18-9   | Diisopropylamine                                       | DIISOPROPYLA | 4869   | Y | N |
| 127-19-5   | Dimethyl acetamide, N, N-                              | DIMETHYLACET | 6000   | Y | N |
| 79-44-7    | Dimethyl carbamoyl chloride                            | DIMETHYLCARB | 0.24   | Y | Y |
| 77-78-1    | Dimethyl sulfate                                       | DIMETH SULFA | 1.22   | Y | Y |
| 124-40-3   | Dimethylamine  | DIMETHYLAMIN | 2169   | Y | N |
| 121-69-7   | Dimethylaniline (N,N-Dimethylaniline)                  | DIMETHYLANIL | 5830   | Y | Y |
| 14857-34-2 | Dimethylethoxysilane                                   | DIMETHLETSIL | 501    | Y | N |
| 131-11-3   | Dimethylphthalate                                      | DIMETH PHTHA | 1176   | Y | Y |
| 534-52-1   | Dinitro-o-cresol (4,6-Dinitro-o-cresol)                | DINITROCRESO | 47.1   | Y | Y |
| 25321-14-6 | Dinitrotoluene (mixtures and isomers)                  | DINITROTOLUE | 47.1   | Y | N |
| 78-34-2    | Dioxathion   | DIOXATHION   | 47.1   | Y | N |
| 2104-64-5  | EPN  | EPN          | 23.5   | Y | N |
| 106-89-8   | Epichlorohydrin (1-Chloro-2,3-epoxypropane)            | EPICHLOROHY  | 88.8   | Y | Y |

|            |                                      |              |        |   |   |
|------------|--------------------------------------|--------------|--------|---|---|
| 64-17-5    | Ethanol                              |              |        | Y | N |
| 141-43-5   | Ethanolamine                         | ETHANOLAMINE | 1763   | Y | N |
| 141-78-6   | Ethyl acetate                        | ETHYLACETATE | 100000 | Y | N |
| 140-88-5   | Ethyl acrylate                       | ETH ACRYLATE | 4817   | Y | Y |
| 541-85-5   | Ethyl amyl ketone                    | ETHYLAMYLKET | 6000   | Y | N |
| 100-41-4   | Ethyl benzene                        | ETHYLBENZENE | 6000   | Y | Y |
| 74-96-4    | Ethyl bromide                        | ETHYLBROMIDE | 5243   | Y | N |
| 106-35-4   | Ethyl butyl ketone                   | ETHYLBUTYLKE | 6000   | Y | N |
| 75-00-3    | Ethyl chloride (Chloroethane)        | CHLOROETHANE | 6000   | Y | Y |
| 7085-85-5  | Ethyl cyanoacrylate                  | ETHYLCYANOAC | 241    | Y | N |
| 78-10-4    | Ethyl silicate                       | ETHYLSILICAT | 6000   | Y | N |
| 637-92-3   | Ethyl tert-butyl ether (ETBE)        | ETBE         | 4916   | Y | N |
| 75-04-7    | Ethylamine (Ethanamine)              | ETHYLAMINE   | 2169   | Y | N |
| 107-07-3   | Ethylene chlorohydrin                | ETHYLENECHLO | 1077   | Y | N |
| 107-21-1   | Ethylene glycol vapor and aerosol    | ETHYLENE GLY | 6000   | Y | Y |
| 75-21-8    | Ethylene oxide                       | ETHYLENE OXI | 10.1   | Y | Y |
| 96-45-7    | Ethylene thiourea                    | ETHYLENE THI | 68.3   | Y | Y |
| 107-15-3   | Ethylenediamine                      | ETHYLENEDIAM | 5783   | Y | N |
| 151-56-4   | Ethylenimine (Aziridine)             | ETH AZ       | 207    | Y | Y |
| 55-38-9    | Fenthion                             | FENTHION     | 47.1   | Y | N |
| 50-00-0    | Formaldehyde                         | FORMALDEHYDE | 68.3   | Y | Y |
| 75-12-7    | Formamide                            | FORMAMIDE    | 4334   | Y | N |
| 64-18-6    | Formic acid                          | FORMIC ACID  | 2214   | Y | N |
| 110-00-9   | Furan                                | FURAN        | 1.22   | Y | N |
| 98-01-1    | Furfural                             | FURFURAL     | 1849   | Y | N |
| 98-00-0    | Furfuryl alcohol                     | FURFURYL ALC | 6000   | Y | N |
| 7782-65-2  | Germanium tetrahydride               | GERMANIUMTET | 147    | Y | N |
| 111-30-8   | Glutaraldehyde                       | GLUTARALDEHY | 67     | Y | N |
| 556-52-5   | Glycidol                             | GLYCIDOL     | 1.22   | Y | N |
|            | Glycol ethers                        | GLYCOL ETHER | 6000   | Y | N |
| 76-44-8    | Heptachlor and heptachlor epoxide    | HEPTACHLOR   | 11.8   | Y | Y |
| 118-74-1   | Hexachlorobenzene (HCB)              | HEXCLBENZENE | 0.47   | N | Y |
| 87-68-3    | Hexachlorobutadiene                  | HEXCL-13-BUT | 50.2   | Y | Y |
| 77-47-4    | Hexachlorocyclopentadiene            | HEXACL-1,3-C | 26.2   | Y | Y |
| 67-72-1    | Hexachloroethane                     | HEXCHLORETH  | 222    | Y | Y |
| 680-31-9   | Hexamethyl phosphoramidate           | HXMETH PHOSP | 1.22   | Y | Y |
| 822-06-0   | Hexamethylene-1,6-diisocyanate (HDI) | HEXAMETHYL16 | 0.89   | N | Y |
| 107-41-5   | Hexylene glycol                      | HEXYLENE GLY | 6000   | Y | N |
| 302-01-2   | Hydrazine and hydrazine sulfate      | HYDRAZINE    | 0.18   | Y | Y |
| 74-90-8    | Hydrogen cyanide                     | HYDROGEN CYA | 1699   | Y | N |
| 61788-32-7 | Hydrogenated terphenyls              | HYDRGTERPHEN | 1160   | Y | N |
| 123-31-9   | Hydroquinone                         | HYDROQUINONE | 471    | Y | Y |
| 110-19-0   | Isobutyl acetate                     | ISOBUTYLACET | 100000 | Y | N |
| 78-83-1    | Isobutyl alcohol                     | ISOBUT ALC   | 6000   | Y | N |

|            |   |              |        |   |   |
|------------|---|--------------|--------|---|---|
| 26952-21-6 | Isooctyl alcohol  | ISOCTYLALCO  | 6000   | Y | N |
| 78-59-1    | Isophorone  | ISOPHORONE   | 6000   | Y | Y |
| 4098-71-9  | Isophorone diisocyanate                                 | ISOPHORONEDI | 10.7   | Y | N |
| 78-79-5    | Isoprene  | ISOPRENE     | 1.22   | Y | N |
| 98-82-8    | Isopropyl benzene (Cumene)                              | ISOBENZ      | 6000   | Y | Y |
| 75-31-0    | Isopropylamine  | ISOPROPYLAMI | 2843   | Y | N |
| 58-89-9    | Lindane and other hexachlorocyclohexane isomers         | LINDANE ISO  | 2.87   | Y | Y |
| 108-31-6   | Maleic anhydride  | MALEIC ANHYD | 94.4   | Y | Y |
| 141-79-7   | Mesityl oxide   | MESITYLOXIDE | 6000   | Y | N |
| 79-41-4    | Methacrylic acid  | METHACRYLICA | 6000   | Y | N |
| 67-56-1    | Methanol  | METHANOL     | 6000   | Y | Y |
| 72-43-5    | Methoxychlor  | METHOXYCHLOR | 6000   | Y | Y |
| 74-99-7    | Methyl acetylene  | METHYLACETYL | 100000 | Y | N |
| 96-33-3    | Methyl acrylate   | METH ACRYLAT | 1657   | Y | N |
| 74-83-9    | Methyl bromide (Bromomethane)                           | METHBROMID   | 444    | Y | Y |
| 74-87-3    | Methyl chloride (Chloromethane)                         | METHYL CHLOR | 6000   | Y | Y |
| 8022-00-2  | Methyl demeton  | METHYLDEMETO | 118    | Y | N |
| 78-93-3    | Methyl ethyl ketone (2-Butanone; MEK)                   | METH ETH KET | 6000   | Y | N |
| 1338-23-4  | Methyl ethyl ketone peroxide                            | MEK PEROXIDE | 472    | Y | N |
| 60-34-4    | Methyl hydrazine  | METH HYDRAZI | 4.43   | Y | Y |
| 74-88-4    | Methyl iodide (Iodomethane)                             | METH IODIDE  | 2732   | Y | Y |
| 110-12-3   | Methyl isoamyl ketone                                   | METHYLISOAMY | 6000   | Y | N |
| 108-11-2   | Methyl isobutyl carbinol                                | METHYLBUTCAR | 6000   | Y | N |
| 108-10-1   | Methyl isobutyl ketone (MIBK; Hexone)                   | METH ISOBUT  | 6000   | Y | Y |
| 624-83-9   | Methyl isocyanate                                       | METH ISOCYAN | 11     | N | Y |
| 80-62-6    | Methyl methacrylate                                     | METH METHACR | 6000   | Y | Y |
| 110-43-0   | Methyl n-amyl ketone                                    | METH AMYL KE | 6000   | Y | N |
| 591-78-6   | Methyl n-butyl ketone                                   | METH BUT KET | 4819   | Y | N |
| 298-00-0   | Methyl parathion  | METHYLPARATH | 47.1   | Y | N |
| 1634-04-4  | Methyl tert-butyl ether (MTBE)                          | METH TERT BU | 6000   | Y | Y |
| 126-98-7   | Methylacrylonitrile                                     | METHYLACRYLO | 646    | Y | N |
| 74-89-5    | Methylamine   | METHYLAMINE  | 1494   | Y | N |
| 25639-42-3 | Methylcyclohexanol                                      | METHYLCYCLOH | 6000   | Y | N |
| 5124-30-1  | Methylene bis(4-cyclohexylisocyanate)                   | METHBISCYCHX | 12.6   | Y | N |
| 101-68-8   | Methylene bisphenyl isocyanate (MDI)                    | METHBISPENL  | 12     | Y | Y |
| 75-09-2    | Methylene chloride (Dichloromethane)                    | METHYLENE CL | 1890   | N | Y |
| 7786-34-7  | Mevinphos (Phosdrin)                                    | MEVINPHOS    | 21.2   | Y | N |
| 110-91-8   | Morpholine  | MORPHOLINE   | 6000   | Y | N |
| 55-98-1    | Myleran (1,4-Butanediol dimethanesulphonate; busulphan) | MYLERAN      | 1.22   | Y | N |

|            |   |              |        |   |   |
|------------|---|--------------|--------|---|---|
| 16543-55-8 | N'-Nitrosornicotine   | NITROSONORNI | 1.22   | Y | N |
| 68-12-2    | N,N-Dimethylformamide                                       | DIMETHFORMAM | 2665   | Y | Y |
| 100-61-8   | N-Methyl aniline  | METHYLANILIN | 516    | Y | N |
| 70-25-7    | N-Methyl-N'-nitro-N-nitrosoguanidine (MNNG)                 | MNNG         | 0.37   | Y | N |
| 684-93-5   | N-Nitroso-N-methylurea                                      | NITROSO-N,N  | 0.03   | Y | Y |
| 924-16-3   | N-Nitrosodi-n-butylamine                                    | NITROSODIEOL | 0.56   | Y | N |
| 621-64-7   | N-Nitrosodi-n-propylamine                                   | NITROSODIPRO | 0.44   | Y | N |
| 55-18-5    | N-Nitrosodiethylamine                                       | NITROSODIETH | 0.02   | Y | N |
| 62-75-9    | N-Nitrosodimethylamine                                      | NITROSODIMET | 0.06   | Y | Y |
| 59-89-2    | N-Nitrosomorpholine   | NITROSOMORPH | 0.47   | Y | Y |
| 930-55-2   | N-Nitrosopyrrolidine  | NITROSOPYRRO | 1.46   | Y | N |
| 91-20-3    | Naphthalene   | NAPHTHALENE  | 6000   | Y | Y |
| 13463-39-3 | Nickel carbonyl, as Ni                                      | NICKLCARBONY | 3.42   | Y | N |
| 12035-72-2 | Nickel subsulfide, as Ni                                    | NICKELSUBSUL | 1.85   | Y | N |
| 98-95-3    | Nitrobenzene  | NITROBENZ    | 1185   | Y | Y |
| 79-24-3    | Nitroethane   | NITROETHANE  | 6000   | Y | N |
| 51-75-2    | Nitrogen mustards (2,2'-Dichloro-N-methyldiethylamine)      | NITROGENMUST | 1.22   | Y | N |
| 75-52-5    | Nitromethane  | NITROMETHANE | 6000   | Y | N |
| 88-72-2    | Nitrotoluene (mixtures and isomers),                        | NITROTOL     | 2639   | Y | N |
| 111-65-9   | Octane (all isomers)  | OCTANE       | 100000 | Y | N |
| 56-38-2    | Parathion   | PARATHION    | 23.5   | Y | Y |
| 608-93-5   | Pentachlorobenzene  | PENTCHLOBENZ | 10     | Y | N |
| 82-68-8    | Pentachloronitrobenzene (Quintobenzene) (PCNB)              | PENTCLNITBEN | 118    | Y | Y |
| 87-86-5    | Pentachlorophenol (PCP)                                     | PCP          | 118    | Y | Y |
| 78-78-4    | Pentane, all isomers  | PENTANE      | 100000 | Y | N |
| 628-63-7   | Pentyl Acetate (mixtures and isomers)                       | PENTYL ACE   | 6000   | Y | N |
| 108-95-2   | Phenol  | PHENOL       | 4528   | N | Y |
| 77-09-8    | Phenolphthalein   | PHENOLPHTHAL | 1.22   | Y | N |
| 106-50-3   | Phenylenediamine (mixtures and isomers)                     | PHENYLENEDIA | 23.5   | Y | Y |
| 75-44-5    | Phosgene  | PHOSGENE     | 95.2   | Y | Y |
| 7723-14-0  | Phosphorus (yellow)   | PHOSPHORUS   | 23.8   | N | Y |
| 10026-13-8 | Phosphorus pentachloride                                    | PHOSPHORPECL | 200    | Y | N |
| 85-44-9    | Phthalic anhydride  | PHTHALIC ANH | 1425   | Y | Y |
| 59536-65-1 | Polybrominated biphenyls (PBBs; Bromodiphenyls)             | PBB          | 0.1    | Y | N |
| 1336-36-3  | Polychlorinated biphenyls (PCBs; Chlorodiphenyls; Arochlor) | PCBS         | 0.05   | Y | Y |
|            | Polycyclic organic matter (POM)                             | POM          | 125    | Y | N |
| 1310-58-3  | Potassium hydroxide   | POTASSIUMHYD | 654    | Y | N |

|            |  |              |      |   |   |
|------------|--|--------------|------|---|---|
| 107-19-7   | Propargyl alcohol  | PROPARGYLALC | 539  | Y | N |
| 123-38-6   | Propionaldehyde  | PROPIONALDEH | 6000 | Y | Y |
| 79-09-4    | Propionic acid   | PROPIONIC AC | 6000 | Y | N |
| 114-26-1   | Propoxur (Baygon)  | PROPOXUR     | 118  | Y | Y |
| 78-87-5    | Propylene dichloride (1,2-Dichloropropane)                     | PRPLENE DICH | 355  | N | Y |
| 107-98-2   | Propylene glycol monomethyl ether (PGME; 1-Methoxy-2-propanol) | PROP GLY ETH | 6000 | Y | N |
| 75-56-9    | Propylene oxide  | PRPLENE OXID | 240  | Y | Y |
| 75-55-8    | Propylenimine (2-Methyl aziridine; propylene imine)            | PROP IM, 12  | 1.22 | Y | Y |
| 120-80-9   | Pyrocatechol (Catechol)  | PYROCATECHOL | 5298 | N | Y |
| 91-22-5    | Quinoline  | QUINOLINE    | 6000 | Y | Y |
| 106-51-4   | Quinone  | QUINONE      | 104  | Y | Y |
| 94-59-7    | Safrole  | SAFROLE      | 14.1 | Y | N |
| 8052-41-3  | Stoddard solvent (Mineral spirits)                             | STODDARD     | 6000 | Y | N |
| 96-09-3    | Styrene oxide  | STYRENE OXID | 6000 | Y | Y |
| 100-42-5   | Styrene, monomer   | STYRENE      | 6000 | Y | Y |
| 3689-24-5  | Sulfotep (TEDP)  | SULFOTEP     | 47.1 | Y | N |
| 7783-60-0  | Sulfur tetrafluoride   | SULFURTETRAF | 145  | Y | N |
| 1746-01-6  | TCDD (2,3,7,8-Tetrachlorodibenzo-p-dioxin), as equivalents     | TCDD         | 5E-5 | N | Y |
| 634-66-2   | Tetrachlorobenzene, 1,2,3,4-                                   | TETCHBEN1234 | 10   | Y | N |
| 811-97-2   | Tetrafluoroethylene  | TETRAFLUOR   | 1.22 | Y | N |
| 109-99-9   | Tetrahydrofuran  | TETRAHYDROFU | 6000 | Y | N |
| 509-14-8   | Tetranitromethane  | TETNITMETHAN | 1.22 | Y | N |
| 52-24-4    | Thiotepa (Tris(1-aziridinyl)phosphine sulfide)                 | THIOTEPA     | 0.26 | Y | N |
| 7550-45-0  | Titanium tetrachloride   | TITAN TETCL  | 6000 | Y | N |
| 108-88-3   | Toluene (Toluol)   | TOLUENE      | 6000 | Y | Y |
| 126-73-8   | Tributyl phosphate   | TRIBUTYLPHOS | 513  | Y | N |
| 56-35-9    | Tributyl tin   | TIN-TRIBUTYL | 10   | Y | N |
| 79-01-6    | Trichloroethylene (Trichloroethene)                            | TRICHLORETHY | 444  | Y | Y |
| 1321-65-9  | Trichloronaphthalene   | TRICHLORONAP | 1176 | Y | N |
| 121-44-8   | Triethylamine  | TRIETHAMINE  | 974  | Y | Y |
| 1582-09-8  | Trifluralin  | TRIFLURALIN  | 6000 | Y | Y |
| 75-50-3    | Trimethylamine   | TRIMETHYAMIN | 2844 | Y | N |
| 51-79-6    | Urethane (Ethyl carbamate)                                     | ETHYL CARBAM | 3.06 | Y | Y |
| 108-05-4   | Vinyl acetate  | VINYL ACETAT | 6000 | Y | Y |
| 593-60-2   | Vinyl bromide  | VINYL BROMID | 515  | Y | Y |
| 75-01-4    | Vinyl chloride   | VINYL CHLOR  | 101  | Y | Y |
| 75-02-5    | Vinyl fluoride   | VINYLFUORID  | 443  | Y | N |
| 25013-15-4 | Vinyl toluene  | VINYLTOLUENE | 6000 | Y | N |
| 75-35-4    | Vinylidene chloride (1,1-Dichloroethylene)                     | VINLIDENE CL | 4665 | Y | Y |
| 1330-20-7  | Xylene (mixtures and isomers) (Xylol; Dimethyl Benzene)        | XYLENES ISO  | 6000 | Y | Y |

|            |  |              |        |   |   |
|------------|--|--------------|--------|---|---|
| 1300-73-8  | Xylidine (mixtures and isomers)                                  | XYLIDINE, MI | 583    | Y | N |
| 98-83-9    | alpha-Methyl styrene   | METH STYRE,A | 6000   | Y | N |
| 126-99-8   | beta-Chloroprene   | CHLOROPRENE  | 1.22   | Y | Y |
| 57-57-8    | beta-Propiolactone   | BETA-PROPRIO | 0.22   | Y | Y |
| 123-86-4   | n-Butyl acetate  | BUT ACETAT,N | 100000 | Y | N |
| 141-32-2   | n-Butyl acrylate   | BUT ACRYLATE | 2467   | Y | N |
| 71-36-3    | n-Butyl alcohol  | BUT ALC,N    | 6000   | Y | N |
| 138-22-7   | n-Butyl lactate  | BUTYLLACTATE | 6000   | Y | N |
| 110-54-3   | n-Hexane   | HEXANE       | 6000   | Y | Y |
| 110-62-3   | n-Valeraldehyde  | VALERALDEHYD | 6000   | Y | N |
| 29191-52-4 | o-Anisidine and o-anisidine hydrochloride (mixtures and isomers) | ANISIDINE    | 22.2   | Y | N |
| 95-49-8    | o-Chlorotoluene  | CHLOROTOLUEN | 6000   | Y | N |
| 583-60-8   | o-Methylcyclohexanone  | METHYLCYCONE | 6000   | Y | N |
| 95-53-4    | o-Toluidine and o-toluidine hydrochloride and mixed isomers      | TOLUIDINEHYD | 17.4   | Y | Y |
| 106-46-7   | p-Dichlorobenzene (1,4-Dichlorobenzene)                          | DICLBENZ,14  | 80.8   | Y | Y |
| 98-51-1    | p-tert-Butyltoluene  | BUTYLTOLUENE | 1426   | Y | N |
| 78-92-2    | sec-Butanol  | BUT ALC,S    | 100000 | Y | N |
| 108-84-9   | sec-Hexyl acetate  | HEXYLACETATE | 6000   | Y | N |
| 75-65-0    | t-Butanol  | BUTANOLTERT  | 100000 | Y | N |
| 540-88-5   | t-Butyl acetate  | TBA          |        | Y | N |
| 1189-85-1  | tert-Butyl chromate, as Cr                                       | BUTYLCHROMAT | 0.07   | Y | N |

**Wisconsin Department of Natural Resources**  
**Bureau of Air Management**  
**Box 7921- AM/7**  
**Madison, WI 53707**  
**Phone 608-266-7718**  
**Fax 608-267-0560**



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