

APPENDIX A TO PART 61

APPENDIX A

National Emission Standards for Hazardous Air Pollutants

Compliance Status Information

I. SOURCE REPORT

INSTRUCTIONS: Owners or operators of sources of hazardous pollutants subject to the National Emission Standards for Hazardous Air Pollutants are required to submit the information contained in Section I to the appropriate U.S. Environmental Protection Agency Regional Office prior to 90 days after the effective date of any standards or amendments which require the submission of such information.

A list of regional offices is provided in §61.04.

A. SOURCE INFORMATION

1. Identification/Location - Indicate the name and address of each source.

|   |    |           |                    |                      |    |               |    |       |    |             |    |    |       |    |
|---|----|-----------|--------------------|----------------------|----|---------------|----|-------|----|-------------|----|----|-------|----|
| 1   | 2  | 3         | 4                  | 5                    | 8  | 9             | 13 | 0     | 0  | 0           | 0  | 0  | 1     |    |
| Region  |    | State     |                    | County               |    | Source Number |    | 14    | 16 | 17          | 18 | 19 |       |    |
| 20  | 22 | 23        | 26                 | 27 _____ Source Name |    |               |    | 46    |    |             |    |    |       |    |
| AQCR #  |    | City Code |                    |                      |    |               |    |       |    |             |    |    |       |    |
| 47 _____ Street Address (Location of Plant) 66 80 |    |           |                    |                      |    |               |    |       |    |             |    |    |       |    |
| Dup 1-18  |    | 19        | 20 _____ City Name |                      |    |               | 34 | State | 35 | 39          |    |    |       |    |
| 40 _____ State Regis. Number 54                   |    |           |                    |                      |    |               |    |       |    | 55          | 58 |    |       |    |
|   |    |           |                    |                      |    |               |    |       |    | NEDS X Ref. |    |    |       |    |
| Dup 1-18  |    | 5         | CS                 | STP                  | EC | 80            |    |       |    |             |    |    |       |    |
|   |    | 19        | 30                 | 31                   | 49 |               | 59 | SIC   | 62 | FF          | 8  | 77 | 79    | 80 |
|   |    |           |                    |                      |    |               |    |       |    |             | 64 | 65 | Staff |    |

2. Contact - Indicate the name and telephone number of the owner or operator or other responsible official whom EPA may contact concerning this report.

Environmental Protection Agency

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Dup 1-18 <sup>4 1</sup>  
 19 20 21 \_\_\_\_\_ Name \_\_\_\_\_ 43

<sup>44 46</sup>  
 Area Code 47 Number 54 80

3. Source Description - Briefly state the nature of the source (e.g., "Chlor-alkali Plant" or "Machine Shop").

Dup 1-18 <sup>4 2</sup>  
 19 20 21 \_\_\_\_\_ Description \_\_\_\_\_ 50

51 \_\_\_\_\_ Continued \_\_\_\_\_ 79 80

4. Alternative Mailing Address - Indicate an alternative mailing address if correspondence is to be directed to a location different than that specified above.

Dup 1-18 <sup>4 3</sup>  
 19 20 21 \_\_\_\_\_ Number Street or Box Number \_\_\_\_\_ 45 80

Dup 1-18 <sup>4 4</sup>  
 19 20 21 \_\_\_\_\_ City \_\_\_\_\_ 35 \_\_\_\_\_ State <sup>37 38</sup> 41 Zip 44 80

5. Compliance Status - The emissions from this source \_\_\_ can \_\_\_ cannot meet the emission limitations contained in the National Emission Standards on or prior to 90 days after the effective date of any standards or amendments which require the submission of such information.

Signature of Owner, Operator or Other Responsible Official

NOTE: If the emissions from the source will exceed those limits set by the National Emission Standards for Hazardous Air Pollutants, the source will be in violation and subject to Federal enforcement actions unless granted a waiver of compliance by the Administrator of the U.S. Environmental Protection Agency. The information needed for such waivers is listed in Section II of this form.

- B. PROCESS INFORMATION. Part B should be completed separately for each point of emission for each hazardous pollutant. [Sources subject to 61.22(1) may omit number 4. below.]

Dup 1-13 <sup>0 0 5</sup>  
 14 16 17 18 19 20 \_\_\_\_\_ SCC \_\_\_\_\_ 27 \_\_\_\_\_ 28 29 \_\_\_\_\_ 30 31  
 NEDS X Ref LS SIP

1. Pollutant Emitted - Indicate the type of hazardous pollutant emitted by the process. Indicate "AB" for asbestos, "BE" for beryllium, or "HG" for mercury.

|           |    |            |    |          |
|-----------|----|------------|----|----------|
| 32        | 33 |            |    |          |
| Pollutant | 34 | Regulation | 48 | 49<br>EC |

2. Process Description - Provide a brief description of each process (e.g., "hydrogen end box" in a mercury chlor-alkali plant, "grinding machine" in a beryllium machine shop). Use additional sheets if necessary.

|          |                     |       |    |    |
|----------|---------------------|-------|----|----|
| 50       | Process Description |       | 74 | 80 |
| Dup 1-18 | 6 1                 | 19 20 | 21 | 50 |
| 51       |                     |       | 79 | 80 |
| Dup 1-18 | 6 2                 | 19 20 | 21 | 50 |
| 51       |                     |       | 79 | 80 |

3. Amount of Pollutant - Indicate the average weight of the hazardous material named in Item 1 which enters the process in pounds per month (based on the previous twelve months of operation).

|          |     |       |    |    |          |    |    |    |
|----------|-----|-------|----|----|----------|----|----|----|
| Dup 1-18 | 6 3 | 19 20 | 21 | 27 | lbs./mo. | 29 | 36 | 80 |
|----------|-----|-------|----|----|----------|----|----|----|

4. Control Devices
  - a. Indicate the type of pollution control devices, if any, used to reduce the emissions from the process (e.g., venturi scrubber, baghouse, wet cyclone) and the estimated percent of the pollutant which the device removes from the process gas stream.

|          |     |       |    |                         |    |
|----------|-----|-------|----|-------------------------|----|
| Dup 1-18 | 6 4 | 19 20 | 21 | PRIMARY CONTROL DEVICE: | 43 |
|----------|-----|-------|----|-------------------------|----|

|    |                     |    |    |    |                            |    |    |
|----|---------------------|----|----|----|----------------------------|----|----|
| 45 | Primary Device Name | 64 | 66 | 70 | Percent Removal Efficiency | 72 | 79 |
|----|---------------------|----|----|----|----------------------------|----|----|

|    |
|----|
| 80 |
|----|

|          |       |                            |    |
|----------|-------|----------------------------|----|
| Dup 1-18 | 6 5   | SECONDARY CONTROL DEVICES: | 45 |
|          | 19 20 | 21                         |    |

  

|                          |    |                               |    |    |    |    |
|--------------------------|----|-------------------------------|----|----|----|----|
| 47 Secondary Device Name | 64 | 66 Percent Removal Efficiency | 70 | 72 | 79 | 80 |
|--------------------------|----|-------------------------------|----|----|----|----|

- b. Asbestos Emission Control Devices Only
- i. If a baghouse is specified in Item 4a, give the following information:
- The air flow permeability in cubic feet per minute per square foot of fabric area.  
Air flow permeability = \_\_\_\_\_ cfm/ft<sup>2</sup>
  - The pressure drop in inches water gauge across the filter at which the baghouse is operated.  
Operating pressure drop = \_\_\_\_\_ inches w.g.
  - If the baghouse material contains synthetic fill yarn, check whether this material is / / spun / / or not spun.
  - If the baghouse utilizes a felted fabric, give the minimum thickness in inches and the density in ounces per square yard.  
Thickness = \_\_\_\_\_ inches    Density = \_\_\_\_\_ oz/yd<sup>2</sup>
- ii. If a wet collection device is specified in Item 4a, give the designed unit contacting energy in inches water gauge.
- Unit contacting energy = \_\_\_\_\_ inches w.g.

C. DISPOSAL OF ASBESTOS-CONTAINING WASTES. Part C should be completed separately for each asbestos-containing waste generation operation arising from sources subject to §61.22(a), (c), (e), and (h).

|           |    |    |    |            |    |     |    |    |    |            |    |     |
|-----------|----|----|----|------------|----|-----|----|----|----|------------|----|-----|
| Dup 1-13  | 14 | 16 | 17 | 18         | 19 | 20  | 27 | 28 | 29 | 30         | 31 |     |
|           |    |    |    |            |    | SCC |    |    |    | NEDS X Ref | CS | SIP |
| A B       | 32 | 33 | 34 | Regulation | 48 | 49  |    |    |    |            |    |     |
| Pollutant |    |    |    |            |    | EC  |    |    |    |            |    |     |

1. Waste Generation - Provide a brief description of each process that generates asbestos-containing waste (e.g. disposal of control device wastes).

50 \_\_\_\_\_ Process Description \_\_\_\_\_ 79 80

2. Asbestos Concentration - Indicate the average percentage asbestos content of these materials.

Dup 1-18 6 1 \_\_\_\_\_ ASBESTOS CONCENTRATION: \_\_\_\_\_ 43 45 \_\_\_\_\_ 48  
 19 20 21

%  
 50 80

3. Amount of Wastes - Indicate the average weight of asbestos-containing wastes disposed of, measured in kg/day.

Dup 1-18 6 2 \_\_\_\_\_ kg/day \_\_\_\_\_ 34 80  
 19 20 21 27 29

4. Control Methods - Indicate the emission control methods used in all stages of waste disposal, from collection, processing, and packaging to transporting and deposition.

Dup 1-18 6 3 \_\_\_\_\_ Primary Control Method \_\_\_\_\_ 43  
 19 20 21

45 \_\_\_\_\_ 79 80

Dup 1-18 6 4 \_\_\_\_\_ 50  
 19 20 21

51 \_\_\_\_\_ 79 80

5. Waste Disposal - Indicate the type of disposal site (sanitary landfill, open, covered) or incineration site (municipal, private) where the waste is disposed of and who operates the site (company, private, municipal). State the name and location of the site (closest city or town, county, state).

Dup 1-18 6 5 \_\_\_\_\_ TYPE OF SITE: \_\_\_\_\_ 33 35 \_\_\_\_\_ 50  
 19 20 21

51 \_\_\_\_\_ 79 80

Dup 1-18 6 6 OPERATOR: 19 20 21 29 31 50

51 79 80

Dup 1-18 6 7 LOCATION: 19 20 21 29

31 70

71 79 80

D. WASTE DISPOSAL SITES. Part D should be completed separately for each asbestos waste disposal site subject to section 61.22(1).

Dup 1-13 14 16 0 0 5 20 SCC 27 28 29 30 31  
NEDS X Ref CS SIP

A B  
 32 33 34 Regulation 48 49  
 Pollutant EC

50 WASTE DISPOSAL SITE 68 80

1. Description - Provide a brief description of the site, including its size and configuration, and the distance to the closest city or town, closest residence, and closest primary road.

Dup 1-18 6 1 SITE DESCRIPTION 19 20 21 37 39 50

51 79 80

Dup 1-18 6 2 DISTANCE: TOWN: K M  
 19 20 21 29 30 34 36 40 42 43

45 RESIDENCE: 54 56 60 62 63 65 ROAD: 69 71 75

K M  
 77 78 80

2. Inactivation - After the site is inactivated, indicate the method or methods used to comply with the standard and send a list of the actions that will be undertaken to maintain the inactivated site.

Dup 1-18 6 8 COMPLIANCE METHOD/INACTIVE SITE: 19 20 21 52

54 79 80

II. WAIVER REQUESTS

A. Waiver of Compliance. Owners or operators of sources unable to operate in compli-

ance with the National Emission Standards for Hazardous Air Pollutants prior to 90 days after the effective date of any standards or

amendments which require the submission of such information may request a waiver of compliance from the Administrator of the U.S. Environmental Protection Agency for the time period necessary to install appropriate control devices or make modifications to achieve compliance. The Administrator may grant a waiver of compliance with the standard for a period not exceeding two years from the effective date of the hazardous pollutant standards, if he finds that such period is necessary for the installation of controls and that steps will be taken during the period of the waiver to assure that the health of persons will be protected from imminent endangerment.

The report information provided in Section I must accompany this application. Applications should be sent to the appropriate EPA regional office.

1. *Processes Involved*—Indicate the process or processes emitting hazardous pollutants to which emission controls are to be applied.

2. *Controls*

a. Describe the proposed type of control device to be added or modification to be made to the process to reduce the emission of hazardous pollutants to an acceptable level. (Use additional sheets if necessary.)

b. Describe the measures that will be taken during the waiver period to assure that the health of persons will be protected from imminent endangerment. (Use additional sheets if necessary.)

3. *Increments of Progress*—Specify the dates by which the following increments of progress will be met.

Date by which contracts for emission control systems or process modifications will be awarded; or date by which orders will be issued for the purchase of the component parts to accomplish emission control or process modification.

Dup 1-16      0 1 7  
 17 19 53 54 55 60 61 MO/DY/YR 66 80

Date of initiation of on-site construction or installation of emission control equipment or process change.

Dup 1-16      0 2 7  
 17 19 53 54 55 60 61 MO/DY/YR 66 80

Date by which on-site construction or installation of emission control equipment or process modification is to be completed.

Dup 1-16      0 3 7  
 17 19 53 54 55 60 61 MO/DY/YR 66 80

Date by which final compliance is to be achieved.

Dup 1-16      0 4 7  
 17 19 53 54 55 60 61 MO/DY/YR 66 80

B. *Waiver of Emission Tests.* A waiver of emission testing may be granted to owners or operators of sources subject to emission testing if, in the judgment of the Administrator of the Environmental Protection Agency the emissions from the source comply with the appropriate standard or if the owners or operators of the source have requested a waiver of compliance or have been granted a waiver of compliance.

This application should accompany the report information provided in Section I.

1. *Reason*—State the reasons for requesting a waiver of emission testing. If the reason stated is that the emissions from the source are within the prescribed limits, documentation of this condition must be attached.

Date \_\_\_\_\_  
 Signature of the owner or operator \_\_\_\_\_

(Sec. 114, of the Clean Air Act as amended (42 U.S.C. 7414))

[40 FR 48303, Oct. 14, 1975, as amended at 43 FR 8800, Mar. 3, 1978; 50 FR 46295, Sept. 9, 1985]

APPENDIX B TO PART 61—TEST METHODS

Method 101—Determination of particulate and gaseous mercury emissions from chlor-alkali plants (air streams)