NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS
COMPLIANCE STATUS INFORMATION

FORM APPROVED
OMB NO. 158-R0098

I. SOURCE REPORT

INSTRUCTIONS. Owners or operators of source 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 before July 6, 1973.

A listing of regional offices is provided in § 61.04.

EPA USE ONLY

1 R | S | C | SC 13

19 AQCR | RP | CITY 24 | NOC 80

A. SOURCE INFORMATION

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

D O W | C H E M I C A L | . | U S A
A29 COMPANY NAME A48

P O | B O X | 1 5 0
A49 NUMBER | STREET NAME A68

P L A Q U E M I N E | L A | 7 0 7 6 4
B19 CITY B33 STATE B34 ZIP CODE B38

I B E R V I L L E
COUNTY

PLAINTIFF'S EXHIBIT
DOW-1990

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

G W | D A I G R E
B39 NAME B53

5 0 4 3 4 8 6 5 9 1
B54 TELEPHONE B63

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

C H L O R - A L K A L I | P L A N T
C19 C43

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

C44 NUMBER | STREET NAME C63

C64 CITY C77 | C78 C79 STATE | D75 ZIP CODE D79

5. Compliance Status - The emissions from this source [X] can [ ] cannot meet the emission limitations contained in the National Emission Standards on or before July 5, 1973.

M. M. Christensen

M. M. Christensen
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.

I. 3. PROCESS INFORMATION. Part B should be completed separately for each point of emission for each hazardous pollutant.

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

DIAPHRAGM DECOMPOSITION SEE ATT.

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

AB

3. Amount of Pollutant - Indicate the average weight of the hazardous material named in Item 2 which enters the process in pounds per month (based on the previous twelve months of operation).

10

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.

BAGFILTER — PRIMARY CONTROL DEVICE TYPE

99.5 — PERCENT REMOVAL EFFICIENCY

SECONDARY CONTROL DEVICE TYPE

PERCENT REMOVAL EFFICIENCY

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 = 20 cfm/ft^2

. The pressure drop in inches water gauge across the filter at which the baghouse is operated.

Operating pressure drop = 1 inches w.g.

. If the baghouse material contains synthetic fill yarn, check whether this material is [X] spun [ ] or not spun.
Bag is 100% spun polypropylene woven fabric.

. If the baghouse utilizes a felted fabric, give the average thickness in inches and the density in ounces per square yard.

Thickness = N/A inches Density = N/A oz/yd^2

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.

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ST0353/10

II. WAIVER REQUESTS

EPA USE ONLY

A. WAIVER OF COMPLIANCE. Owners or operators of sources unable to operate in compliance with the National Emission Standards for Hazardous Air Pollutants by July 5, 1973 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 reporting 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.

   Diaphragm--depositing mixing vat

2. Controls

   a. Describe the proposed type of control device to be added or modification to be made to the process to reduce the emissions of hazardous pollutants to an acceptable level. (Use additional sheets if necessary.) A fabric filter collection device will be installed to collect any asbestos fibers lost during dumping of asbestos in the mixing vat.

   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).

      See Attachment

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.

   L54 L59
   | 0 6 | 0 8 | 7 3 | 01
   MONTH DAY YEAR

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

   L54 L59
   | 0 7 | 1 6 | 7 3 | 02
   MONTH DAY YEAR

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

   L54 L59
   | 0 8 | 2 4 | 7 3 | 03
   MONTH DAY YEAR

   . Date by which final compliance is to be achieved.

   L54 L59
   | 0 8 | 2 4 | 7 3 | 04
   MONTH DAY YEAR

SIGNATURE OF OWNER OR OPERATOR	DATE
M. M. Christman	7/2/73

II. B. WAIVER OF EMISSION TESTS. A waiver of emission testing may be granted to owners or operators of sources of beryllium or mercury pollutants if, in the judgment of the Administrator of the U.S. 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 reporting 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 is within the prescribed limits, documentation of this condition must be attached.

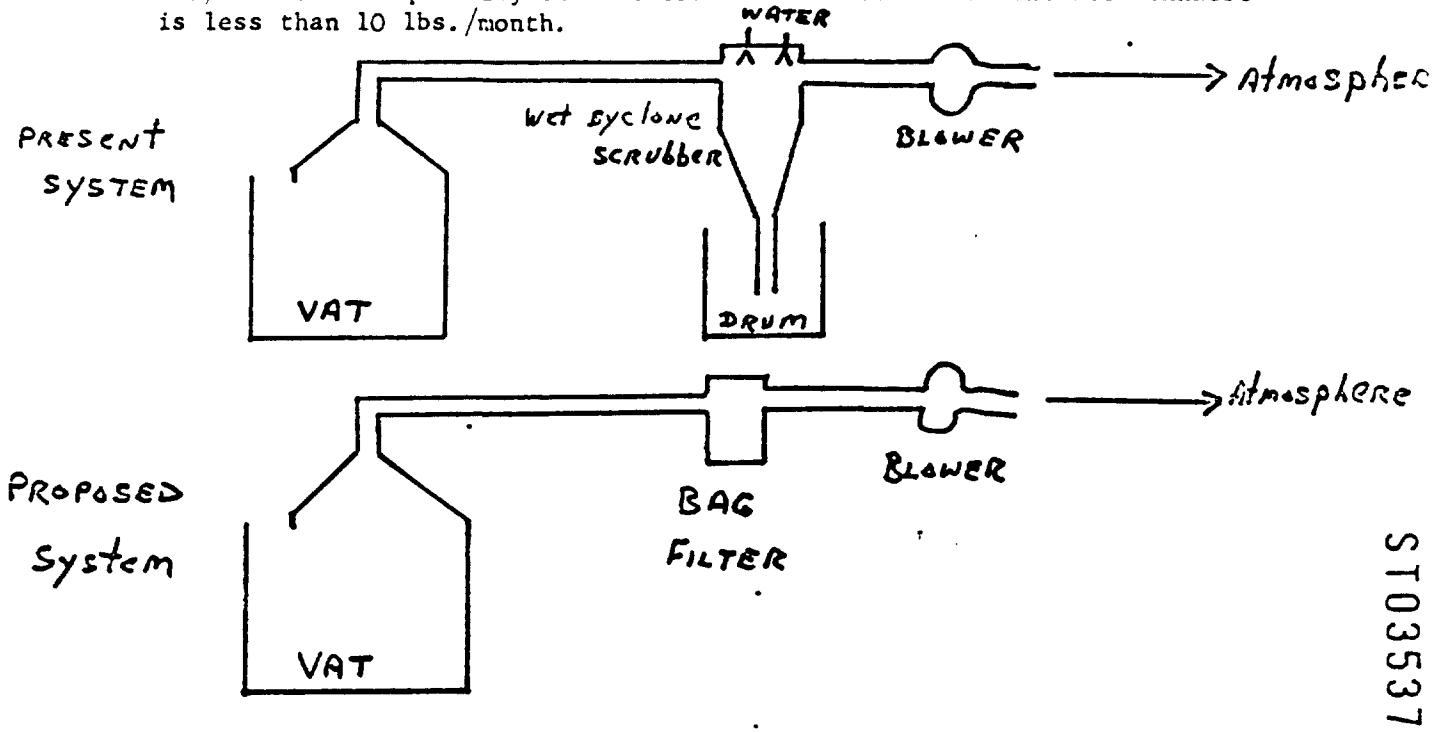
N/A

SIGNATURE OF THE OWNER OR OPERATOR	DATE
Th. M. Christensen	7/2/73

SI03537772

I. B. 1. PROCESS DESCRIPTION

Asbestos is dumped from sacks into a hooded vat to be mixed into a slurry. Air is drawn from the hood through a bag type filter to remove any asbestos particles released in the sack dumping operation. The amount of asbestos used in the operation is approximately 100,000 lb./month. The quantity of asbestos to be removed from the hood exhaust is less than 10 lbs./month.



II. A. 2b.

This mixing vat has been in operation for several years with a wet cyclone scrubber on the outlet of the vat vent system. This has prevented visible emissions from the vat system and is presently in operation. The bag filter will replace the cyclone since the filter is a more positive collection device. The filter is on order and will be installed according to the schedule below.

ST0353773