OhioEPA
State of Ohio Environmental Protection Agency

PERMIT TO OPERATE AN AIR CONTAMINANT SOURCE

Date of Issuance 04/13/87 Application No. 15760004318006

Effective Date 04/13/87 Permit Fee $210

This document constitutes issuance to:

GREIF BOARD CORP
9420 WARMINGTON
NAVARRE OHIO 44662

of a permit to operate for:

C.B. BOILER 51 MM BTU GAS - NO. 6 OIL
NO. 2

The following terms and conditions are hereby expressly incorporated into this permit to operate:

1. This permit to operate shall be effective until 04/12/90
   You will be contacted approximately six months prior to this date regarding the renewal of this permit. If you are not contacted, please write to the appropriate Ohio EPA field office.
2. The above-described source is and shall remain in full compliance with all applicable State and federal laws and regulations and the terms and conditions of this permit.
3. Prior to any modification of this source, as defined in rule 3745-31-01 of the Ohio Administrative Code (OAC), a permit to install must be granted by the Ohio EPA pursuant to OAC Chapter 3745-31.
4. The Director of the Ohio EPA or an authorized representative may, subject to the safety requirements of the permit holder, enter upon the premises of this source at any reasonable time for purposes of making inspections, conducting tests, examining records or reports pertaining to any emission of air contaminants, and determining compliance with any applicable State and federal air pollution laws and regulations and the terms and conditions of this permit.
5. A permit fee in the amount specified above must be remitted within 15 days from the issuance date of this permit.
6. Any transferee of this permit shall assume the responsibilities of the prior permit holder. The appropriate Ohio EPA field office must be notified in writing of any transfer of this permit.
7. This source and any associated air pollution control system(s) shall be maintained regularly in accordance with good engineering practices in order to minimize air contaminant emissions. Any malfunction of this source or any associated air pollution control system(s) shall be reported immediately to the appropriate Ohio EPA field office in accordance with OAC rule 3745-15-06. Except as provided in that rule, any scheduled maintenance or malfunction necessitating the shutdown or bypassing of any air pollution control system(s) shall be accompanied by the shutdown of this source.
8. Any unauthorized or emergency release of an air contaminant from this source which, due to the toxic or hazardous nature of the material, may pose a threat to public health, or otherwise endanger the safety or welfare of the public, shall be reported immediately to the appropriate Ohio EPA field office (during normal business hours) or to the Ohio EPA's Emergency Response Group (1-800-282-9378). (Additional reporting may be required pursuant to the federal Comprehensive Environmental Response, Compensation, and Liability Act.)
9. The appropriate Ohio EPA field office is:
   DIV. OF AIR POLLUTION CNTRL CANTON CITY HEALTH DEPT.
   THIRD FLOOR, CITY HALL
   CANTON, OH 44702 (216) 489-3385
10. ☒ If this term and condition is checked, the permit holder is subject to the attached special terms and conditions.

OHIO ENVIRONMENTAL PROTECTION AGENCY

Director

RECEIVED
APR 14 1987
CITY OF CANTON
HEALTH DEPT.
AIR POLLUTION CONTROL DIVISION

EPA-3834
REVISED 1-87

APPLICATION NUMBER: 15 76 00 0431 B006

FACILITY NAME: Greif Board Corp.

EQUIPMENT DESCRIPTION: C.B. Boiler 51 MM BTU Gas-No. 6 Oil

COMPANY ID: No. 2

SPECIAL TERMS AND CONDITIONS

The following rules of the Ohio Administrative Code establish the applicable emission limitations and/or control requirements of this source:

3745-17-07 (A)(D)

3745-18-82 (F)

3745-17-10

(This condition in no way limits the applicability of other requirements of the Ohio Administrative Code to this source.)

ADD
FED SO_2 LIMIT

EPA 3164
02/14/83

PREPARED BY: DANIEL J. SCHILTZ
DATE PREPARED: 12/4/86

Edition)

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No.	Boiler identification
.....	1.
.....	2.
.....	3.
.....	Chilpalco No. 5.

ndusky County: (i) No
sequent owner or opera-
sil fuel-fired steam gen-
shall cause or permit
sulfur dioxide from any
of 7.00 pounds of sulfur
million BTU actual heat

Baker Company or any
wner or operator of the
mpany facilities in San-
, Ohio shall not cause or
mission of sulfur dioxide
k in excess of 48.75 tons
xide per ton of actual
input.
odville Lime Company,
uent owner or operator
lle Lime Company facili-
sky County, Ohio shall
permit the emission of
from any stack in excess
s of sulfur dioxide per
rocess weight input.
rtin Marietta Company
uent owner or operator
Marietta facilities in
unty, Ohio shall not
it the emission of sulfur
any stack in excess of
f sulfur dioxide per ton
ss weight input.
Lime Company or any
ner or operator of the
mpany facilities in San-
Ohio shall not cause or
ons of sulfur dioxide
ck in excess of 17.04
fur dioxide per ton of
weight input.

40 CFR 52

(56) In Scioto County: (i) Empire Detroit Steel or any subsequent owner or operator of the Empire Detroit Steel coke oven facility at Scioto County, Ohio shall not cause or permit the combustion of by-product coke oven gas from any stack containing a total sulfur content expressed as hydrogen sulfide in excess of 800 grains of hydrogen sulfide per 100 dry standard cubic feet of coke oven gas or the emission of sulfur dioxide from any stack in excess of 4.10 pounds of sulfur dioxide per million BTU actual heat input.

(ii) No owner or operator of any oil-fired steam generating unit shall cause or permit the emission of sulfur dioxide from any stack in excess of 0.60 pound of sulfur dioxide per million BTU actual heat input.

(iii) No owner or operator of any coal-fired steam generating unit shall cause or permit the emission of sulfur dioxide from any stack in excess of 6.90 pounds of sulfur dioxide per million BTU actual heat input.

(57) In Seneca County: (i) No present or any subsequent owner or operator of any fossil fuel-fired steam generating unit(s) at Seneca County, Ohio shall cause or permit the emissions of sulfur dioxide from any stack in excess of the limits specified below:

(A) 1.20 pounds of sulfur dioxide per million BTU actual heat input for oil fired units.

(B) 8.20 pounds of sulfur dioxide per million BTU actual heat input for coal fired units.

(ii) No present or any subsequent owner or operator of process equipment, unless otherwise specified in this paragraph, shall cause or permit the emissions of sulfur dioxide from any stack in excess of 34.0 pounds of sulfur dioxide per ton of actual process weight input.

(iii) The Union Carbide Corporation, or any subsequent owner or operator of the Union Carbide Corporation facilities at Seneca County, Ohio shall not cause or permit emissions of sulfur dioxide from any stack in excess of the limits specified below:

(A) 552 pounds of sulfur dioxide per ton of actual process weight input at the calcining furnace.

(B) 176 pounds of sulfur dioxide per ton of actual process weight input at the activating furnace.

(58) In Stark County, no owner or operator of the following types of facilities, unless otherwise specified in this paragraph, shall cause or permit emission of sulfur dioxide from any stack in excess of the rates specified below:

(i) For fossil fuel-fired steam generating units between 10.0 and 60.0 million BTU per hour total rated capacity of heat input, the emission rate in pounds of sulfur dioxide per million BTU actual heat input shall be calculated by the following equation:

$$EL = 18.48 Q_m^{-0.4886}$$

where Q_m is the total rated capacity of heat input in million BTU per hour and EL is the allowable emission rate in pounds of sulfur dioxide per million BTU actual heat input.

(ii) For fossil fuel-fired steam generating units equal to or greater than 60 million BTU per hour total rated capacity of heat input: 2.50 pounds of sulfur dioxide per million BTU actual heat input.

(iii) Republic Steel Corporation or any subsequent owner or operator of the Massillon facilities in Stark County, Ohio shall not cause or permit the emission of sulfur dioxide from any fossil fuel-fired steam generating unit stack at the Massillon facility in excess of 4.40 pounds of sulfur dioxide per million BTU actual heat input.

(iv) The present or any subsequent owner or operator of the Massillon State Hospital facilities in Stark County, Ohio shall not cause or permit the emission of sulfur dioxide from any stack at this facility in excess of 5.20 pounds of sulfur dioxide per million BTU actual heat input.

(v) The present or any subsequent owner or operator of the Grief Board Company facilities in Stark County, Ohio shall not cause or permit the emission of sulfur dioxide from any stack at this facility in excess of 0.50 pound of sulfur dioxide per million BTU actual heat input.

(vi) The present or subsequent owner or operator of the Timken Company facilities in Stark County, Ohio

3745-18-82 (CONTINUED)

(E) THE "ASHLAND OIL, INCORPORATED" (OEPA PREMISE NUMBER 1576000301) OR ANY SUBSEQUENT OWNER OR OPERATOR OF THE "ASHLAND OIL, INCORPORATED" FACILITY LOCATED AT 2408 GAMBRINUS ROAD, CANTON, OHIO SHALL NOT CAUSE OR PERMIT THE EMISSION OF SULFUR DIOXIDE FROM THE FOLLOWING SOURCES TO EXCEED THE AMOUNTS INDICATED AND SHALL OPERATE SAID SOURCES IN THE MANNER SPECIFIED:

(1) RERUN REBOILER 4-0-B-3 (OEPA SOURCE NUMBER B014),
GUARD CASE HEATER 4-2-B-1 (OEPA SOURCE NUMBER B016),
REFORMER HEATER 4-2-B-2 (OEPA SOURCE NUMBER B017), AND
ISO STRIPPER HEATER 4-27-B-1 (OEPA SOURCE NUMBER B021);

A MAXIMUM OF 0.025 POUNDS OF SULFUR DIOXIDE PER MM BTU ACTUAL HEAT INPUT FROM EACH UNIT.

(2) HEATER 4-0-B-5 (OEPA SOURCE NUMBER UNASSIGNED),
CRUDE HEATER 4-0-B-6 (OEPA SOURCE NUMBER B015),
FCC CHARGE HEATER 4-7-B-3 (OEPA SOURCE NUMBER B018),
HDS REACTOR CHARGER HEATER 4-32-B-6 (OEPA SOURCE NUMBER B022),
NUMBER 1 BOILER 4-16-B-1 (OEPA SOURCE NUMBER B024),
NUMBER 2 BOILER 4-16-B-2 (OEPA SOURCE NUMBER B025),
NUMBER 11 BOILER 4-16-B-11 (OEPA SOURCE NUMBER B026),
NUMBER 12 BOILER 4-16-B-12 (OEPA SOURCE NUMBER B027),
REFORMER HEATER 4-2-B-6 (OEPA SOURCE NUMBER B019),
REDUCED CRUDE HEATER 4-4-B-1 (OEPA SOURCE NUMBER B020), AND
HDS REACTOR HEATER 4-30-B-1 (OEPA SOURCE NUMBER B023);

A MAXIMUM 1.0 POUNDS OF SULFUR DIOXIDE PER MM BTU ACTUAL HEAT INPUT FROM EACH UNIT.

(3) NUMBER 1 BOILER 4-16-B-1, NUMBER 2 BOILER 4-16-B-2, AND NUMBER 12 BOILER 4-16-B-12 (OEPA SOURCE NUMBER B024, B025, AND B027); ONLY TWO OF THE THREE BOILERS MAY BE OPERATED SIMULTANEOUSLY.

(4) SULFUR RECOVERY UNIT (OEPA SOURCE NUMBER P001); A MAXIMUM OF 2.0 POUNDS OF SULFUR DIOXIDE PER 100 POUNDS OF SULFUR PROCESSED.

(5) FCC (OEPA SOURCE NUMBER P002); A MAXIMUM OF 0.62 POUNDS OF SULFUR DIOXIDE PER ONE THOUSAND POUNDS OF FRESH FEED.

(F) THE "GREIF BOARD CORPORATION" (OEPA PREMISE NUMBER 1576000431) OR ANY SUBSEQUENT OWNER OR OPERATOR OF THE "GREIF BOARD CORPORATION" FACILITY LOCATED AT 9420 WARMINGTON, SOUTHWEST, MASSILLON, OHIO SHALL NOT CAUSE OR PERMIT THE EMISSION OF SULFUR DIOXIDE FROM BOILERS NUMBERS 1 AND 2 (OEPA SOURCE NUMBERS B005 AND B006) TO EXCEED 1.8 POUNDS OF SULFUR DIOXIDE PER MM BTU ACTUAL HEAT INPUT FROM EACH BOILER AND SHALL OPERATE SAID BOILERS SUCH THAT THEIR COMBINED AVERAGE OPERATING RATE SHALL NOT EXCEED 53 MM BTU PER HOUR FOR ANY CALENDAR DAY.

Environmental Protection Agency
ENFORCEMENT DIRECTOR'S JOURNAL

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