

Binder Copy

**AN ORDER OF THE CLEAN ENVIRONMENT COMMISSION
UNDER THE CLEAN ENVIRONMENT ACT**

**RE: THE CLEAN ENVIRONMENT COMMISSION and STEEL BROTHERS CANADA LTD.,
Applicant,**

WHEREAS pursuant to the provisions of The Clean Environment Act, on the 7th day of July, 1972, Steel Brothers Canada Ltd. submitted an application to the Commission to prescribe limits in connection with the operation of a limestone crushing and grading plant located at or near 580 Pembina Highway in the City of Winnipeg, Manitoba;

AND WHEREAS the Commission held a hearing in Winnipeg on the 20th day of March, 1973. and issued Order No. 259 on the 4th day of May, 1973, prescribing limits in connection with the said operation;

AND WHEREAS the Commission held a hearing in Winnipeg on the 24th day of November, 1981, pursuant to Sections 14(6) and 14(7) of the said Act and issued varied Order No. 259VC on the 5th day of February, 1982, prescribing limits, terms and conditions requiring the Applicant to submit a consultants report concerning air pollution control aspects of the said operation and requiring that a hearing be held on or about the 1st day of March, 1983, to review the said report;

AND WHEREAS Steel Brothers Canada Ltd. submitted a consultant's report respecting air pollution control aspects of the said operation on the 28th day of December, 1982;

AND WHEREAS the Commission held a hearing in Winnipeg on the 10th day of March, 1983, continuing on the 31st day of May, 1983, and the 1st day of June, 1983, pursuant to the provisions of Section 13(1), 14(6) and 14(7) of the said Act;

AND WHEREAS the Commission considered the variation of the said order on the 20th day of June, 1983, and the 5th day of August, 1983;

IT IS HEREBY ORDERED THAT ORDER NO. 259VC BE VARIED TO READ AS FOLLOWS

1. The Applicant shall not permit the emission of particulate matter from any process of the said operation to exceed 0.23 grams per standard cubic metre calculated at 25 degrees Celsius and 760 millimetres of mercury at the point of emission.

*Assisted
APC
Aug 20/83
JC*

2. The Applicant shall not cause or permit visible emissions from the said operation that exhibit an opacity, at the point of emission, equal to or greater than:
 - (a) 20 percent for a period exceeding 4 minutes in the aggregate in any one hour;
 - (b)
 - (i) on or before the 31st day of August, 1984, 40 percent in any 2 consecutive 15 second interval, standard opacity readings;
 - (ii) on and after the 1st day of September, 1984, 40 percent at any time.
3. The Applicant shall not permit particulate matter from any source of the said operation, except the main exhaust stack, to become airborne to such an extent that the particulate matter exhibits an opacity greater than 5 percent past the property line of the said operation.
4. The Applicant shall control dust from all bulk product loading operations by the use of tubular spouts connecting product bins to the interior of trucks receiving such products in such a manner as to:
 - (a) restrict the unenclosed free fall of such products;
 - (b) minimize dust emissions to the environment from truck loading operations.
5. The Applicant shall:
 - (a) not less than once in each 8 hour shift of operation of the said plant, carry out a visual inspection of the main stack of the said operation for the purpose of determining the effectiveness of air pollution control equipment and detecting any abnormal condition;
 - (b) with respect to the baghouse serving the said operation:
 - (i) when, pursuant to (a), or at any time, any abnormal condition is detected:
 - (A) carry out a controlled shut down of the plant and baghouse operations;
 - (B) determine the nature or cause of the said abnormal condition;

Continued

- 2 -

Steel Brothers Canada Ltd.

2. The Applicant shall not cause or permit visible emissions from the said operation that exhibit an opacity, at the point of emission, equal to or greater than:
 - (a) 20 percent for a period exceeding 4 minutes in the aggregate in any one hour;
 - (b)
 - (i) on or before the 31st day of August, 1984, 40 percent in any 2 consecutive 15 second interval, standard opacity readings;
 - (ii) on and after the 1st day of September, 1984, 40 percent at any time.
3. The Applicant shall not permit particulate matter from any source of the said operation, except the main exhaust stack, to become airborne to such an extent that the particulate matter exhibits an opacity greater than 5 percent past the property line of the said operation.
4. The Applicant shall control dust from all bulk product loading operations by the use of tubular spouts connecting product bins to the interior of trucks receiving such products in such a manner as to:
 - (a) restrict the unenclosed free fall of such products;
 - (b) minimize dust emissions to the environment from truck loading operations.
5. The Applicant shall:
 - (a) not less than once in each 8 hour shift of operation of the said plant, carry out a visual inspection of the main stack of the said operation for the purpose of determining the effectiveness of air pollution control equipment and detecting any abnormal condition;
 - (b) with respect to the baghouse serving the said operation:
 - (i) when, pursuant to (a), or at any time, any abnormal condition is detected:
 - (A) carry out a controlled shut down of the plant and baghouse operations;
 - (B) determine the nature or abnormal condition.

5. (b) (i) (C) eliminate the abnormal condition by maintenance or repair of the baghouse or other affected equipment prior to resuming plant operations;
 - (ii) in addition to the actions required pursuant to (i), inspect and carry out routine maintenance of the baghouse and associated equipment on a regular monthly basis;
 - (c) maintain on the premises of the said operation, available at any time for inspection by the Environmental Management Division, an up-to-date log book record of the visual inspections carried out, any abnormal conditions detected, baghouse and/or plant shut-downs implemented and any maintenance or repairs undertaken pursuant to the requirements of (a), (b)(i) and (b)(ii).
6. In accordance with a proposal enunciated by the Applicant at the said hearing on the 1st day of June, 1983, the Applicant shall install in the said plant a dust control vacuum or filter system such that, on and after the 1st day of March, 1984, the egress or emission of airborne dust through vents or openings in the walls or cladding of the plant buildings is minimized.
 7. The Applicant shall control the emission of dust associated with truck loading and movement:
 - (a) on or before the 1st day of March, 1984, by installing vacuum equipment sufficient to remove loose material from the exteriors of vehicles and from equipment and surfaces in the loading areas;
 - (b) by removing all loose material from the exterior surfaces of all vehicles leaving the premises of the said operation;
 - (c) by posting a sign in clear view of the drivers of vehicles conveying materials from the said operation warning operators of their responsibility and liability relative to any spilling of material or dust emissions from moving vehicles.
 8. The Applicant shall control the emission of dust from the yard of the said operation by:
 - (a) applying effective dust suppressants on a regular schedule to yard and road surfaces on the premises;

8. (b) ensuring that, subject to 4, all materials handling involving the use of loading and handling equipment, is carried out in such a manner as to minimize the free-fall distance of materials being discharged into hoppers, pits or stockpiles.

9. Subject to the other provisions of this order, the Applicant shall ensure that a high standard of equipment maintenance and good housekeeping practices are carried out at all times consistent with meeting the limits, terms and conditions prescribed in this order.


10. In this order:
 - (a) "standard opacity readings" means visual determinations of opacity carried out in accordance with Standard Reference Methods for Source Testing: Measurement of Opacity of Emissions from Stationary Sources, Report EPS 1-AP-75-2, Air Pollution Control Directorate, Environmental Protection Service, Fisheries and Environment Canada, November, 1977, and recorded in accordance with 1.5.4 thereof;

 - (b) "abnormal condition" means a condition of the baghouse or the associated equipment whereby the efficiency of the said baghouse equipment is reduced to the point where the said operation is in violation of any of the limits, terms or conditions prescribed in this order.

11. Order No. 259VC, as varied by the Commission, is hereby designated as Order No. 259VCC.

Order No. 259VCC

Dated at the City of Winnipeg
this 19th day of August, 1983.



Chairman,
The Clean Environment Commission.

File: 602.0