

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

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RE: THE CLEAN ENVIRONMENT COMMISSION and BORDER CHEMICAL COMPANY LIMITED,  
Applicant,

- WHEREAS pursuant to the provisions of The Clean Environment Act, Border Chemical Company Limited submitted an application to The Clean Environment Commission to prescribe limits in connection with a sulfuric acid manufacturing plant with resultant sulfur dioxide emissions to air, located at or near the NE corner of Day Street and Gunn Road in the SW $\frac{1}{4}$  of Section 16, Township 11, Range 4 EPM in the Rural Municipality of Springfield, Manitoba;
- AND WHEREAS the Commission issued Order No. 730 prescribing limits on the said operation on the 13th day of June, 1977;
- AND WHEREAS the Applicant submitted a request for variation of Order No. 730 on the 11th day of October, 1977 to provide for higher allowable sulfur dioxide emissions to the atmosphere;
- AND WHEREAS the Commission held a public hearing in Winnipeg on the 6th day of March, 1978 to receive evidence and representations concerning the request for variation;
- AND WHEREAS the Commission considered the request for variation of Order No. 730 on the 6th day of March, 1978;
- AND WHEREAS the Commission was advised that sulfur dioxide emission guidelines are under preparation by a federal task force and the Commission was of the opinion the limits prescribed in this Order for such emissions should be reviewed as and when Government of Canada National Emission Guidelines are issued for sulfur dioxide emissions from sulfuric acid manufacturing plants;

IT IS HEREBY ORDERED THAT

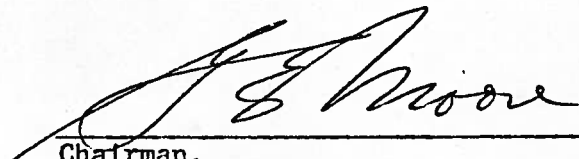
1. The Applicant shall ensure that sulfur dioxide gas concentrations are not in excess of 27 pounds per ton of 100% sulfuric acid produced, as measured at the point of emission from the discharge stack of the sulfuric acid manufacturing plant.

*Assigned  
to A.P.C.  
March 28, 1978*

2. The Applicant shall ensure that sulfuric acid mist concentrations are not in excess of 0.5 pounds per ton of 100% sulfuric acid produced, as measured at the point of emission from the discharge stack of the sulfuric acid manufacturing plant.
3. The Applicant shall ensure that a program of good housekeeping and equipment maintenance is carried out at all times to meet the requirements of Clauses 1 and 2 of this Order.
4. The Applicant shall report within 24 hours, to the Environmental Management Division of the Department of Mines, Resources and Environmental Management, the circumstances of any equipment malfunction or employee error which resulted in the accidental release of sulfur dioxide gas or sulfuric acid mist to the atmosphere in quantities or concentrations exceeding normal operating levels.
5. The Applicant shall ensure that stack sampling facilities are installed to the satisfaction of the said Division for the proper determination of sulfur dioxide gas and sulfuric acid mist emissions; the said facilities to include proper sampling ports, safe sampling platforms, safe access to the said sampling platforms, access to electrical power to operate the said sampling equipment and such additional sampling facilities as may be requested by the said Division.
6. Order No. 730 as varied by the Commission be designated Order No. 730VC.

Order No. 730VC

Dated at the City of Winnipeg  
this 22nd day of MARCH, 1978.

  
Chairman,  
The Clean Environment Commission.

C-b-268.1