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

RE: THE CLEAN ENVIRONMENT COMMISSION and HERITAGE INDUSTRIES LTD., Applicant,

WHEREAS pursuant to the provisions of The Clean Environment Act, Heritage Industries Ltd. filed a proposal with the department in connection with the operation of a foundry located on Lots 4 and 5, Block 7, Plan 1289, at or near 200 Pacific Street, in the Town of Winkler, Manitoba;

AND WHEREAS in the absence of limits, terms and conditions prescribed by a regulation under the said Act, the proposal was referred to The Clean Environment Commission to prescribe limits, terms and conditions;

AND WHEREAS after giving notice of the proposal, the Commission did not receive notice of representation from any person who is likely to be affected by an order of the Commission concerning the operation;

AND WHEREAS the proposal was considered by the Commission on the 21st day of March, 1983;

IT IS HEREBY ORDERED THAT

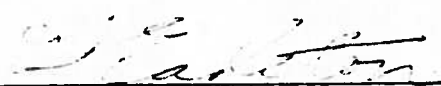
1. The Applicant shall not permit the emission of solid particulate matter from any point of emission of the said operation in excess of 0.23 grams per standard cubic metre calculated at 25 degrees Celsius and 760 millimetres of mercury at the point of emission, corrected to 12 percent carbon dioxide for processes involving combustion.
2. The Applicant shall not cause or permit visible emissions from any point of the said operation that exhibit an opacity equal to or greater than:
 - (a) 40 percent at any time;
 - (b) 20 percent for a period exceeding 4 minutes in the aggregate in any one hour period.

Assigned to APC on March 24/83

3. The Applicant shall not permit particulate matter from any source of the said operation to become airborne to such an extent that the particulate matter remains visible past the property line of the said operation.
4. The Applicant shall limit the emission of odours to such an extent that odours from the said operation are not detectable at any point of impingement off the premises of the said operation in a residential area when one volume of odorous air is diluted with one equal volume of odour-free air.
5. The Applicant shall not cause or permit the emission of sound from the said operation which, when measured beyond the property line of the said operation in a residential area:
 - (a) subject to (b), exceeds an hourly equivalent sound level of:
 - (i) 60 dBA during the daytime hours of 7:00 a.m. to 10:00 p.m., local time;
 - (ii) 50 dBA during the night time hours of 10:00 p.m. to 7:00 a.m., local time;
 - (b) where subjective evaluation or measurements indicate the sound has a significant impulsive characteristic or predominant discrete tone(s), exceeds an hourly equivalent sound level of:
 - (i) 55 dBA during the daytime hours of 7:00 a.m. to 10:00 p.m., local time;
 - (ii) 45 dBA during the nighttime hours of 10:00 p.m. to 7:00 a.m., local time;
6. The Applicant shall at all times maintain a high standard of equipment maintenance and good housekeeping practices consistent with meeting the limits, terms and conditions of this order.

7. In this order:

- (a) "hourly equivalent sound level" means a sound level measured in terms of the equivalent continuous sound level averaged over a one hour period (60 minutes) using a sound level monitoring device which equals or surpasses the requirements of Canadian Standards Association Z107.1-1973 (or the equivalent) for Type 2 sound level meters, operated on the "A-weighting network" and "slow" meter response;
- (b) "impulsive characteristic" means hammering type sound having peaks one second or more apart, that is less than 60 impacts per minute;
- (c) "predominant discrete tone(s)" means a sound having a one-third octave band level which, when measured in a one-third octave band, exceeds the arithmetic average of the sound levels of the two adjacent one-third octave bands on either side of such one-third octave band by:
- (i) 5 dB for such one-third octave band with a centre frequency from 500 Hertz to 20,000 Hertz, inclusive, provided such one-third octave band sound level exceeds the sound level of each adjacent one-third octave band;
 - (ii) 8 dB for such one-third octave band with a centre frequency from 160 Hertz to 400 Hertz, inclusive, provided such one-third octave band sound level exceeds the sound level of each adjacent one-third octave band;
 - (iii) 15 dB for such one-third octave band with a centre frequency from 25 Hertz to 125 Hertz, inclusive, provided such one-third octave band sound level exceeds the sound level of each adjacent one-third octave band.

Order No. 974Dated at the City of Winnipeg
this 24th day of March, 1983.

Chairman,
The Clean Environment Commission.

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