

# Environment Act Licence

Manitoba  
Environment and  
Workplace Safety  
and Health



Licence No. 1235

Issue Date NOVEMBER 4, 1988

In accordance with the Manitoba Environment Act (C.C.S.M. c. E125)

THIS LICENCE IS ISSUED TO:

## McCAIN FOODS LIMITED: APPLICANT


The following limits, terms and conditions shall be complied with in connection with the operation of a potato processing plant located on or near Lot One, on Block One of part of Parish Lots Sixty Eight and Sixty Nine of the Parish of Portage la Prairie, Manitoba:

1. The Applicant shall not cause or permit the emission of particulate matter from any point of emission of the said operation in excess of 0.23 grams per dry standard cubic metre calculated at 25 degrees Celsius and 760 millimetres of mercury, corrected to 12 percent carbon dioxide for processes involving combustion.
2. The Applicant shall not cause or permit visible emissions from any point of emission of the said operation that exhibit an opacity equal to or greater than:
  - (a) 20 percent for a period of more than 4 minutes in the aggregate in any one hour;
  - (b) 40 percent at any time.
3. The Applicant shall limit the emission of particulate matter from the operation to such an extent that airborne particulate matter from any part or process of the said operation does not exhibit an opacity greater than 5% at any point beyond the property line of the operation.

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4. The Applicant shall limit odour emissions to such an extent that at any point of impingement off the site of the operation, odours emanating from the operation are not detectable when one volume of odorous air is diluted with six equal volumes of odour-free air.
5. The Applicant shall not cause or permit the emission of sound from any part of the operation which, when measured in accordance with Clause 6 of this Licence, is in excess of an  $L_{eq}(1)$  of 60 dBA.
6. Noise level determinations pursuant to Clause 5 of this Licence, shall be based on measurements made as follows:
  - (a) beyond the property line of McCain Foods Limited; and,
  - (b) excluding any significant interfering sounds from other sources; and,
  - (c) in terms of the equivalent continuous sound level averaged over a 1-hour period (60 minutes), using a sound level monitoring device which equals or surpasses the requirements of Canadian Standards Association Standard Z 107.1 - 1973 (or the equivalent) for Type 2 sound level meters, operated on the "A-weighting network" and "slow" meter response.
7. 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 requirements of this Licence.
8. The Applicant shall, in a manner satisfactory to the Director:
  - (a) conduct testing for the emissions referred to in Clauses 1, 4 and 5 of this Licence whenever requested by the Director; and,
  - (b) submit a report containing the emission testing data and all other related data to the Director within 90 days after completion of the testing.

9. The Applicant shall contract with an Engineering Consultant for the purpose of preparing a Report outlining ways, means, costs and time frame to comply with:
  - (a) an odour not detectable off the site of the operation when one volume of odorous air is diluted with one equal volume of odour-free air; and,
  - (b) an hourly equivalent sound level limit of 50 dBA, off plant property, during the hours of 10:00 p.m. to 7:00 a.m. local time.
10. The Engineering Report required by Clause 9 of this Licence shall be submitted to the Director on or before January 1, 1990.
11. This Licence, in conjunction with the Engineering Report, submitted by Clause 10, shall be reviewed by the Director on or before June 1, 1990, with the intent of affirming or changing the limits specified in Clauses 4 and 5 of this Licence.
12. This Licence replaces Licence No. 1104 which is hereby rescinded.

  
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C. B. Orcutt  
Director  
Environmental Control Services

**File: 1713.20**