

SUMMARY OF COMMENTS / RECOMMENDATIONS FOR
ENVIRONMENT ACT LICENCE
RE: OMNIGLASS LTD.- WINNIPEG - APPLICANT

Overview:

A proposal filed, on January 3, 1996, by Mr. D. Keatch on behalf of Omniglass Ltd. for the operation of a plant to manufacture fiber reinforced plastic lineals for the window industry and to be located at 1205 Sherwin Road, Winnipeg, Manitoba. The Proposal is to operate 24 hours per day, five to seven days per week. The operation involves pulling glass strings and mats, impregnated with resin through a heated die, off line coating and bake oven drying system, and wooden shipping crate manufacturer capability.

The proposal is to vent gaseous emission through roof stacks to be construct to a height of 6.1 metres (20 feet) above roof level. Dust from the shipping crate manufacturing component will be collected by a baghouse dust collection system and returned to the work area. Waste product and spilled or unused resins will be allowed to catalyze and disposed of as industrial solid waste.

Acetone will be used to clean the parts and machinery. Unused solvents will be recycled.

Preliminary analysis of waste water from the paint line cleaning process indicates that disposal to the sewer system is unacceptable to the City of Winnipeg and the waste water will be treated as a hazardous waste until an alternative solution is found.

Potential environmental impacts attributable to this development are:

- i) Release of odours;
- ii) Release of particulates;
- iii) Releases of noise;
- iv) Release of styrene; and
- v) Release of formaldehyde.

Public Objections:

No concerns were expressed by citizens regarding, the development, emissions or their environmental implications.

Comments From TAC:

Environmental Quality Standards - Water Quality Management - in the event that on-site treatment is provided for the paint line waste water details should be provided

Environmental Quality Standards - Air Quality Management - Several questions were raised (memorandum attached). In summary the memorandum questions the certainty of the Proposal to predict emission from the development.

Department of Highways - Highway Planning Branch - no concerns with this proposal.

Environmental Operations - Winnipeg Region - Environment Act - no response received.

Environmental Operations - Winnipeg Region - Dangerous Goods Act - Several question regarding the emission monitoring data supplied and lack of details in the Proposal. Discussion with Kevin Reeve indicate that the deficiencies are not sufficient to refuse the proposal and that a staged licence can address the deficiencies.

Culture, Heritage & Citizenship - Historic Resources Branch - No concerns with this proposal.

Department of Natural Resources - Policy Co-ordination Branch - no response received.

Department of Agriculture - no response received.

Sustainable Development Unit - no response received.

Department of Health - no response received.

Department of Rural Development - no response received.

CEAA - Application of the *Canadian Environmental Assessment Act* will not be required.

Recommended Action:

A draft Stage 1 Environmental Act Licence is attached for the Director's consideration. Although there is some uncertainty concerning the emissions, the preliminary screening indicates that the level will not create an adverse environmental effect. The Licence contains requirements for the Proponent to monitor the actual emission for two pollutants of concern, styrene and formaldehyde. A stage 2 licence will be required to set specifications, limits, terms, and conditions following the assessment of the emission of monitoring results and the Proponent's determination respecting on-site treatment of hazardous wastes.

The Proponent has been advised to contact the Winnipeg Region of the Environmental Operation Division to register as a Hazardous Waste Generator pursuant to the Dangerous Goods Handling and Transportation Act.

Licence should be assigned to the Approval Branch until the next stage of the licence is issued.

File: 4103.00

PREPARED BY:

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Municipal & Industrial Approvals
January 18, 1996