

# Environment Act Licence

Manitoba  
Environment



Licence No. 1099 RR

Issue Date July 17, 1986

Revised Dates: **January 31, 1995**  
**August 22, 1995**

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

THIS LICENCE IS ISSUED TO:

**TRANSCONTINENTAL PRINTING INC.: "the Licencee"**

for the operation of a publishing plant located at or near 55 Dunlop Avenue, in the City of Winnipeg, Manitoba, subject to the following specifications, limits, terms and conditions:

**DEFINITIONS**

In this Licence,

"A-weighted sound level" means the sound level measured in dBA units with a sound level meter set on the A-weighting network, being a filter designed to approximate the relative sensitivity of the normal human ear to different frequencies of sound;

"affected area" means a geographical area affected by an odour nuisance;

"appreciable impulsive or impact character" means sound which has a significant amount of impulsive or impact nature, such as hammering, explosions and clanking or banging. Impulsive or impact sounds are sounds of short duration, usually less than one second, characterized by an abrupt onset followed by a rapid decay;

"dB" (decibel) means a dimensionless measure of sound level or sound pressure level, where,

$$\text{sound level} = 20 \log_{10} \frac{\text{sound pressure (actual)}}{\text{sound pressure (reference)}};$$

"4 minute period(s) in the aggregate" means any 16 readings, not necessarily contiguous, taken at 15 second intervals within a 1 hour sampling period;

"Leq (energy equivalent level)" means the A-weighted sound level (as decibels {dBA}) of a constant or steady sound, for a stated period, which has an amount of acoustic energy equivalent to that contained in the sound being measured;

"Leq(1)" means the Leq for a one hour period;

**“odour nuisance”** means a continuous or repeated odour, smell or aroma, in an affected area, which is offensive, obnoxious, troublesome, annoying, unpleasant, or disagreeable to a person:

- i) residing in an affected area;
- ii) working in the affected area; or
- iii) present at a location in the affected area which is normally open to the members of the public;

if the odour, smell or aroma

- iv) is the subject of at least 5 written complaints in a form satisfactory to the Director and from 5 different persons falling within clauses i), ii) or iii), who do not live in the same household, received by the Director within a 90 day period; or
- v) is the subject of at least one written complaint in a form satisfactory to the Director from a person falling within clauses i), ii) or iii) and the Director is of the opinion that if the odour, smell or aroma had occurred in a more densely populated area there would have been at least 5 written complaints from 5 different persons who do not live in the same household within a 90 day period.

**“opacity”** means the degree to which emissions reduce the transmission of light and obscure the view of an object in the background;

**“particulate matter”** means any finely divided liquid or solid matter other than water droplets;

**“particulate residue”** means that part or portion of an atmospheric emission which is deposited onto a surface;

**“point source”** means any point of emission from a Development where pollutants are ducted into the atmosphere;

**“pollution control device”** means a catalytic or other oxidative or incinerative apparatus designed to destroy emissions from the drying ovens;

**“predominant discrete tone”** means sound (for example a whine or hum) having a one-third octave band sound 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 center 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; or
- ii) 8 dB for such one-third octave band with a center 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; or
- iii) 15 dB for such one-third octave band with a center 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;


**SPECIFICATIONS, LIMITS, TERMS AND CONDITIONS**

1. The Licencee shall not emit particulate matter from the Development such that:
  - i) particulate matter:
    - a) exceeds 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 from any point source of the Development;
    - b) exhibits a visible plume with an opacity of greater than 5 percent at any point beyond the property line of the Development; or
    - c) results in the deposition of visible particulate residue at any time beyond the property line of the Development.
  - ii) opacity from any point source of the Development equals or exceeds:
    - a) 20 percent for a 4 minute period(s) in the aggregate in any one hour; or
    - b) 40 percent at any time.
2. The Licencee shall not construct, alter or operate the Development, or permit the Development to be constructed, altered or operated, in a way which causes or results in an odour nuisance, and shall take steps as the Director may require to eliminate or mitigate an odour nuisance.
3. The Licencee shall not emit sound from any part or process of the Development, such that any emission when measured at a point of reception within an area which is zoned or used as residential, exceeds the following  $\{L_{eq}(1)\}$  limits:
  - i) subject to sub-Clause 3 (ii):
    - a) 60 dBA during the daytime hours of 7:00 a.m. to 10:00 p.m., local time; or
    - b) 50 dBA during the nighttime hours of 10:00 p.m. to 7:00 a.m., local time.
  - ii) when the sound has an appreciable impulsive or impact character or a predominant discrete tone:
    - a) 55 dBA during the daytime hours of 7:00 a.m. to 10:00 p.m., local time; or
    - b) 45 dBA during the nighttime hours of 10:00 p.m. to 7:00 a.m., local time.
4. The Licencee shall not emit sound from any part or process of the Development, such that any emission when measured at a point of reception within an area which is zoned or used as commercial, exceeds the following  $\{L_{eq}(1)\}$  limits:
  - i) 70 dBA during the daytime hours of 7:00 a.m. to 10:00 p.m., local time; or
  - ii) 60 dBA during the nighttime hours of 10:00 p.m. to 7:00 a.m., local time.
5. The Licencee shall not emit sound from any part or process of the Development, such that any emission when measured at a point of reception within an area which is zoned or used as industrial, exceeds 70 dBA at any time.
6. The Licencee shall direct all air emissions from the drying ovens for each heatset press line to a designated pollution control device.

7. The Licencee shall initiate and maintain, within 90 days of the issuance of this revised Licence, a written maintenance and operating log for each pollution control device. Each log shall record a minimum of: dates and actual downtimes of unexpected shutdowns of the pollution control device(s); dates and hours of actual downtimes for preventative maintenance or servicing of the pollution control device(s); reasons for the unexpected shutdowns and the remediative actions taken.
8. The Licencee shall keep at the Development, the latest 24 month period of logs, as described in Clause 7. These logs are to be made available for inspection or other use by the Director or Director's Designate upon their request.
9. The Licencee shall at all times maintain a high standard of equipment maintenance and good housekeeping practices consistent with meeting the limits, terms and conditions prescribed by this Licence.

### REVOCATION

If, in the opinion of the Director, the Licencee has exceeded or is exceeding the limits, or has not complied or is not complying with the specifications, terms or conditions set out herein, the Director may revoke this Licence either temporarily or permanently.

  
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Larry Strachan, P. Eng.  
Director  
Environment Act

File No: 2681.00

**Cancelled**



**DISPOSITION OF PROPOSED ALTERATION**  
(Pursuant to Section 14 of The Environment Act)

Proponent: Transcontinental Printing Inc.

Client file: 2681.00

Date of receipt of proposed alteration: July 5, 1995

Nature of proposed alteration:

Addition of one heatset press line with accompanying incineration emission control device. Reduction in emission output from one existing heatset press line.

Supporting information:

sufficient

insufficient

Departmental evaluation:

major alteration

minor alteration

pending more information

Alteration approval status:

not approved

under consideration

approved under Section 14 of The Environment Act

Comments/Conditions:

All limits, terms and conditions contained within revised Licence 1099RR shall apply to this Development.

**Cancelled**

Larry Strachan, P. Eng.  
Director, Environment Act

Date: Aug 22/95

c.c. D. Wotton, Director, Winnipeg Region