

File No.: 6123.00

May 26, 2021

Anna Wall
Human Resource/ Health & Safety Manager
Color Ad Packaging Ltd.
200 Beghin Avenue
Winnipeg MB R2J 3W2
AWall@colorad.ca

Dear Anna Ronald:

Re: Environment Act Licence No. 3376

Thank you for your proposal. The Environment Act licensing process is intended to ensure a healthy environment, society, and economy for now and tomorrow.

Enclosed Licence No. 3376 is issued to Color Ad Packaging Ltd. The licence is for the continued operation of a rotogravure cylinder engraving facility located at 630 Kernaghan Avenue, Winnipeg.

Color Ad Packaging Ltd. must operate the development according to all licence requirements as well as all applicable federal, provincial and municipal regulations and by-laws.

The licence holder must submit a notice of alteration to the director for approval prior to altering the development as licensed.

Anyone affected by the issuance of this licence may appeal this decision to the Minister of Environment, Climate and Parks. If you wish to appeal, please send your reasons, in writing, to the Minister's attention by June 25, 2022.

If you have any questions regarding this approval, please contact Nada Suresh, Regional Supervisor, Environmental Compliance and Enforcement Branch at Nada.Suresh@gov.mb.ca or 204-945-8214.

Sincerely,

Original Signed by

James Capotosto
Director

Enclosure

- c. Kristal Harman, Yvonne Hawryliuk, Nada Suresh - Environmental Compliance and Enforcement
Siobhan Burland Ross, Eshetu Beshada - Environmental Approvals
Public Registry

LICENCE

File No.: 6123.00

Licence No. / Licence n°: 3376
Issue Date / Date de délivrance : May 26, 2022

In accordance with The Environment Act (C.C.S.M. c. E125) /
Conformément à la Loi sur l'environnement (C.P.L.M. c. E125)

Pursuant to Section 11(1) and 14(2) / Conformément au Paragraphe 11(1) et 14(2)

THIS LICENCE IS ISSUED TO: / CETTE LICENCE EST DONNÉE À:

Color Ad Packaging Ltd.; "the Licensee"

for the continued operation of the Development being a rotogravure cylinder engraving facility at 630 Kernaghan Avenue (as indicated in Appendix 1) in Winnipeg, Manitoba, in accordance with the Proposal dated July 26, 2021, the additional information provided on November 17, 2021, and subject to the following specifications, limits, terms and conditions:

DEFINITIONS

In this Licence;

"accredited laboratory" means an analytical facility accredited by the Standards Council of Canada (SCC), or accredited by another accrediting agency recognized by Manitoba Environment, Climate and Parks to be equivalent to the SCC, or be able to demonstrate, upon request, that it has the quality assurance/quality control (QA/QC) procedures in place equivalent to accreditation based on the international standard ISO/IEC 17025, or otherwise approved by the Director;

"affected area" means a geographical area, excluding the property of the Development;

"approved" means approved by the Director or assigned Environment Officer in writing;

"approved facility" means a facility operating in accordance with the requirements of The Environment Act and the regulations thereunder;

"CAS Number" means the Chemical Abstracts Service Registry Number (referred to as CAS RNs or CAS Numbers) which are unique identifiers that have been assigned by the Chemical Abstracts Service, a division of the American Chemical Society, for chemical substances;

"chromium" means an element expressed as Cr, unless otherwise indicated, which has the designated CAS Number 7440-47-3;

"Closure Plan" means a plan indicating the actions to be taken for the closure of the Development;

"copper" means an element expressed as Cu, unless otherwise indicated, which has the designated CAS Number 7440-50-8;

"dangerous good" means a product, substance or organism as defined in The Dangerous Goods Handling and Transportation Act, or any amendments thereto;

"Director" means an employee so designated pursuant to The Environment Act;

"Environment Officer" means an employee so designated pursuant to The Environment Act;

"fugitive emissions" means particulate matter escaping from sources within the Development into the atmosphere other than through any of the emission stacks or vents;

"hazardous waste" means a product, substance or organism as defined in The Dangerous Goods Handling and Transportation Act, or any amendments thereto;

"nickel" means an element expressed as Ni, unless otherwise indicated, which has the designated CAS Number 7440-02-0;

"noise nuisance" means an unwanted sound, in an affected area, which is annoying, troublesome, or disagreeable to a person:

- a) residing in an affected area;
- b) working in an affected area; or
- c) present at a location in an affected area which is normally open to members of the public; if the unwanted sound
- d) is the subject of at least five written complaints, received by the Director in a form satisfactory to the Director and within a 90-day period, from five different persons falling within clauses a), b), or c), who do not live in the same household; or
- e) is the subject of at least one written complaint, received by the Director in a form satisfactory to the Director, from a person falling within clauses a), b), or c) and the Director is of the opinion that if the unwanted sound had occurred in a more densely populated area there would have been at least five written complaints received within a 90-day period, from five different persons who do not live in the same household;

"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:

- a) residing in an affected area;
- b) working in an affected area; or
- c) present at a location in an affected area which is normally open to members of the public; if the odour, smell or aroma
- d) is the subject of at least five written complaints, received by the Director in a form satisfactory to the Director and within a 90-day period, from five different persons falling within clauses a), b), or c), who do not live in the same household; or

- e) is the subject of at least one written complaint, received by the Director in a form satisfactory to the Director, from a person falling within clauses a), b), or c) 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 five written complaints received within a 90-day period, from five different persons who do not live in the same household;

"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 emitted to the atmosphere by means of a stack;

"pollutant" means a pollutant as defined in The Environment Act;

"Post-Closure Plan" means a plan indicating the actions to be taken for the care, maintenance, and monitoring of the Development after closure, that will prevent, mitigate, or minimize the threat to public health and the environment;

"QA/QC" means quality assurance/quality control;

"solid waste" means solid waste as defined in the Waste Management Facilities Regulation, or any future amendments thereto, respecting waste disposal grounds;

"stack" means a duct, pipe, chimney, vent, opening or other structure through which pollutants are emitted to the atmosphere;

"Standard Methods for the Examination of Water and Wastewater" means the most recent edition of Standard Methods for the Examination of Water and Wastewater published jointly by the American Public Health Association, the American Waterworks Association and the Water Environment Federation;

"sulphuric acid mist" means finely dispersed liquid droplets which contain sulphuric acid, a compound expressed as H_2SO_4 , unless otherwise indicated, which has the designated CAS Number 7664-93-9;

"total chromium" means the sum of chromic acid, hexavalent chromium and all other compounds containing chromium;

"volatile organic compound (VOC)" means any organic compound which participates in atmospheric photochemical reactions, excluding methane, carbon monoxide, carbon dioxide, carbonic acid, metallic carbides and carbonates, ammonium carbonate, and other compounds which may be exempted by the Director; and

"wastewater" means any liquid containing a pollutant as defined in The Environment Act, associated with or resulting from the Development which is discharged into the environment.

GENERAL TERMS AND CONDITIONS

This section of the Licence contains terms and conditions intended to provide guidance to the Licensee in implementing practices to ensure that the environment is maintained in such a manner as to sustain a high quality of life, including social and economic development, recreation and leisure for present and future Manitobans.

1. The Licensee shall at all times maintain a copy of this licence at the Development or at the premises from which the Development's operations are managed.
2. The Licensee shall implement a high standard of equipment maintenance and good housekeeping and operational practices with respect to the Development, at all times.
3. The Licensee shall reduce the production and dissemination of wastes by initiating and maintaining waste reduction and waste recycling programs.
4. In addition to any of the limits, terms and conditions specified in this Licence, the Licensee shall, upon the request of the Director:
 - a) sample, monitor, analyze and/or investigate specific areas of concern regarding any segment, component or aspect of pollutant storage, containment, treatment, handling, disposal or emission systems, for such pollutants or ambient quality, aquatic toxicity, leachate characteristics and discharge or emission rates, for such duration and at such frequencies as may be specified;
 - b) determine the environmental impact associated with the release of any pollutant(s) from the Development;
 - c) conduct specific investigations in response to the data gathered during environmental monitoring programs; or
 - d) provide the Director, within such time as may be specified, with such reports, drawings, specifications, analytical data, descriptions of sampling and analytical procedures being used, bioassay data, flow rate measurements and such other information as may from time to time be requested.
5. The Licensee shall, unless otherwise specified in this Licence:
 - a) carry out all preservations and analyses on liquid samples in accordance with the methods prescribed in the most current edition of Standard Methods for the Examination of Water and Wastewater or in accordance with equivalent preservation and analytical methodologies approved by the Director;
 - b) carry out all sampling of, and preservation and analyses on, soil and air samples in accordance with methodologies approved by the Director;
 - c) have all analytical determinations undertaken by an accredited laboratory; and
 - d) report the results to the Director, in writing and in an electronic format acceptable to the Director, within 60 days of the samples being taken.
6. The Licensee shall carry out any remedial measures, modifications, or alterations, as deemed necessary by the Director, in respect to matters authorized under this Licence.

7. The Licensee shall submit all information required to be provided to the Director or Environment Officer under this Licence, in written and electronic format, in such form (including number of copies) and of such content as may be required by the Director or Environment Officer, and each submission shall be clearly labelled with the Licence Number and File Number associated with this Licence.
8. The Licensee shall designate an employee, within 14 days of the date of issuance of this Licence, as the Licensee's Environmental Coordinator, whose job description will include assisting the Licensee in complying with the limits, terms and conditions in this Licence and assisting Senior Management of the Licensee to manage environmental issues at the Development. The name of the Environmental Coordinator shall be submitted in writing to the Director or Environment Officer within 14 days of appointment and any subsequent appointment.

SPECIFICATIONS, LIMITS, TERMS, AND CONDITIONS

Respecting Air Emissions – Limits

9. The Licensee shall not emit particulate matter from the Development such that:
 - a) particulate matter:
 - i) 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;
 - ii) exhibits a visible plume with an opacity of greater than five per cent at any point beyond the property line of the Development; or
 - iii) results in the deposition of visible particulate residue at any time beyond the property lines of the Development; or
 - b) opacity from any point source of the Development equals or exceeds:
 - i) 20 percent as the average of any 24 consecutive opacity observations taken at 15 second intervals;
 - ii) 20 percent for more than 16 individual opacity observations within any one hour period; or
 - iii) 40 percent for any individual opacity observation.
10. The Licensee shall not cause or permit an odour nuisance to be created as a result of the construction, operation, or alteration of the Development, and shall take such steps as the Director may require to eliminate or mitigate an odour nuisance.
11. The Licensee shall not cause or permit a noise nuisance to be created as a result of the construction, operation, or alteration of the development, and shall take such steps as the Director may require to eliminate or mitigate a noise nuisance.
12. The Licensee shall not emit total chromium at any time from any point source(s) of the Development, in excess of 0.03 milligrams per dry standard cubic metre calculated at 25 degrees Celsius and 760 millimetres of mercury.

13. The Licensee shall not emit any one or more of the following pollutants from any part or process of the Development such that the concentration in air of any pollutant, when measured by a method approved by the Director and at any point of reception beyond the property boundaries of the Development, exceeds the following limits:

Pollutant	Period of Measurement	Limit
Nickel	24 hour average	2 microgram/m ³
Copper	24 hour average	50 microgram/m ³
Chromic Acid	One (1) hour average	4.5 microgram/m ³
Chromium	24 hour average	0.0007 microgram/m ³
Sulphuric Acid Mist	One (1) hour average	100 microgram/m ³

Respecting Remedial Measures to Reduce VOC Emissions

14. The Licensee, upon written request from the Director, shall initiate remedial measures to reduce the impingement of emissions from the Development associated with the use of materials containing VOC substances, beyond the property boundaries of the Development, if in the opinion of the Director, based on representation to the Director from the community, or other significant forthcoming information, such emissions are resulting in or could result in a negative impact to the community. The remediation shall be implemented to the satisfaction of the Director by such measures as:
- a reduction in VOC emissions by means of operational or equipment modifications;
 - an appropriate dispersion of emissions by means of alterations to the stack design as approved by the Director;
 - the treatment of emissions by an appropriate air pollution control device; or
 - other appropriate approved alternative reduction measure(s).

Respecting Air Pollution Control Equipment

15. The Licensee shall direct all air streams that contain a pollutant(s) of concern to the Director to a pollution control device which has been designed for and demonstrated to be capable of reducing, altering, eliminating, or otherwise treating the pollutant(s).
16. The Licensee shall prepare, within 90 days of the issuance of this Licence, and maintain the following manuals which shall be kept at the Development and available for review upon request by an Environment Officer:
- a standard operating procedural manual and a maintenance schedule for each air emission pollution control device based on the manufacturer's specifications and recommendations;
 - an updated standard operating procedural manual and a maintenance procedure for each air emission pollution control device within 120 days of the addition, elimination or change regarding any air emission control device; and
 - a copy of the manufacturer's operational and maintenance manual.

17. The Licensee shall not operate any process directing an emission to an air pollution control device at the Development unless:
 - a) the operating and maintenance measures and status of the device are in full compliance with the procedures and timetables as per Clause 16;
 - b) all emissions from the process are directed to the fully operational air pollution control device;
 - c) all discharges of treated emissions from the air pollution control devices are immediately directed to a stack;
 - d) the emissions do not contain concentrations of pollutants which:
 - i) are in violation of any other applicable legal instrument including an Act, Regulation or by-law; or
 - ii) otherwise create a significant negative environmental or health impact in the affected area.
18. The Licensee shall maintain a log of the most recent 24 month period to record any downtime of an air pollution control device due to either the breakdown or maintenance of that air pollution control device. The log shall be kept at the Development and shall be available upon request for inspection by an Environment Officer. The log shall record, at minimum, the following information:
 - a) identification of the air pollution control device and the process(es) it serves;
 - b) time/date of log entry;
 - c) nature of event;
 - d) time and duration of event;
 - e) action taken;
 - f) the accumulated downtime of this air pollution control device for the events for each calendar year; and
 - g) approval by the Environmental Coordinator.
19. The Licensee shall handle, store, and dispose of all pollutants collected by the air pollution control equipment in a manner suitable to their characterization as type of waste or dangerous good.

Respecting Air Emission - Sampling, Analysis, Reporting

20. The Licensee, upon written request from the Director, shall provide a stack or stacks including all necessary sampling facilities for the sampling of air emissions at the Development. The stack or stacks shall be provided:
 - a) at a location(s) and within a time frame satisfactory to the Director; and
 - b) to the specifications and in accordance with the most recent version of Manitoba Environment, Climate and Parks Guideline, "Guideline for Stack Sampling Facilities", unless otherwise approved by the Director.

21. The Licensee shall, upon written request from the Director, submit a detailed plan which is acceptable to and approved by the Director, for the sampling and analysis of potential air pollutants, released as stationary point and fugitive emissions, including any compounds determined by the Director. The plan shall identify the rationale for the sampling, the ways and means by which the sampling program will be implemented including any special measures or methods which would be necessitated by influencing factors such as unfavourable weather conditions, the need for large or additional sample volumes, the need for multiple sampling runs, the methods used for the sampling and the analysis for each compound, the detection level to be attained, a comprehensive QA/QC program, and other items as may be identified by the Director.
22. The Licensee shall perform all stack sampling in accordance with the most recent version of Manitoba Environment, Climate and Parks Report No. 96-07, "*Interim Stack Sampling Performance Protocol*", unless otherwise approved by the Director.
23. The Licensee shall arrange the scheduling of the sampling program submitted pursuant to Clause 21 of this Licence such that a representative of Manitoba Environment, Climate and Parks is available to monitor and audit the implementation of the sampling program.
24. The Licensee shall complete the sampling of emissions according to the approved plan submitted pursuant to Clause 21 of this Licence, within a timeframe to be determined by the Director.
25. The Licensee shall submit a report, for the approval of the Director, on the completed sampling and analysis plan approved pursuant to Clause 21 of this Licence, within 60 days of the receipt of the analytical results of that sampling plan. The report shall contain at minimum:
 - a) the raw data collected;
 - b) a discussion of the sampling and analytical portions of the program including any anomalies of sampling and analysis; and
 - c) a discussion of the significance of the data gathered with specific attention to:
 - i) the significance for potential acute and chronic impacts to health or environment from exposure to concentrations of the compounds detected;
 - ii) the need for risk assessment of the impact of emissions;
 - iii) the need for the establishment of ambient air monitoring stations;
 - iv) the need for dispersion modeling of emissions;
 - v) results and conclusions of the QA/QC program; and
 - vi) other issues as may be determined by the Director.
26. The Licensee, upon the written request of and in a timeframe stipulated by the Director, shall comply with any air emission or ambient air quality criteria specified by the Director for any pollutant of concern to the Director which has been identified pursuant to Clauses 4, 9, 12, 13, 15, or 25 of this Licence.

Respecting Ambient Air Quality Monitoring

27. The Licensee shall submit, upon the written request and for the approval of the Director, a program for:

- a) the sampling, analysis and reporting of levels of pollutants, as determined by the Director, at a selected location(s) beyond the property boundaries of the Development; and
 - b) the location, installation and operation of a meteorological monitoring station.
28. The Licensee shall:
- a) implement the program approved pursuant to Clause 27 of this Licence within a timeframe stipulated by the Director; and
 - b) submit a report within 60 days of the receipt of the analytical results of the sampling program pursuant to Clause 27 of this Licence for the approval of the Director containing at minimum:
 - i) the raw data collected;
 - ii) a discussion of the sampling and analytical portions of the program including any anomalies of sampling and analysis; and
 - iii) a discussion of the significance of the data gathered with specific attention to:
 - a) the significance for potential acute and chronic impacts to health or environment from exposure to concentrations of the compounds detected;
 - b) the need for risk assessment of the impact of emissions;
 - c) the need for the establishment of ambient air monitoring stations;
 - d) results and conclusions of the QA/QC program; and
 - e) other issues as may be determined by the Director.

Respecting Air Dispersion Modeling

29. The Licensee, upon a written request from the Director, shall submit a plan for approval by the Director to perform a refined air dispersion modeling for the facility.
30. The Licensee shall:
- a) complete the air dispersion modeling according to the plan approved pursuant to Clause 29 of this Licence within a timeframe to be determined by the Director; and
 - b) submit a report of the completed air dispersion modeling result and analysis of the plan, approved pursuant to Clause 29 of this Licence, within the time frame determined pursuant to Clause 30 a), to the Director.

Respecting Chemical Storage and Spill Containment

31. The Licensee shall provide containment for all vessels containing chemicals in each area of the Development where the chemicals are stored, loaded, transferred, used or otherwise handled, in compliance with the current Manitoba Fire Code Regulation, or any future amendment thereof.
32. The Licensee shall contain within the Development any product leakage or spillage and any contaminated liquid generated on site and prevent contamination of groundwater and surface water.
33. The Licensee shall, in a manner approved by the Director or Environment Officer, remove and dispose of all spilled dangerous goods.

34. The Licensee shall store all Dangerous Goods and chemicals in a manner acceptable to the Director or Environment Officer.
35. The Licensee shall comply with all the applicable requirements of:
 - a) the Storage and Handling of Petroleum Products and Allied Products Regulation;
 - b) The Dangerous Goods Handling and Transportation Act, and regulations issued thereunder, respecting the handling, transport, storage and disposal of any dangerous goods brought onto or generated at the Development; and
 - c) the Office of the Fire Commissioner – Province of Manitoba.
36. The Licensee shall not receive at the Development any hazardous waste from any generator off site of the Development.

Respecting Wastewater

37. The Licensee shall not discharge wastewater beyond the boundaries of the Development except any discharge which is directed to the City of Winnipeg wastewater collection system in accordance with the requirements of the City of Winnipeg.

Respecting Solid Waste

38. The Licensee shall dispose of all solid waste generated at the Development, which is not recycled, only to a waste management facility operating under the authority of a permit issued pursuant to the Waste Management Facilities Regulation or any future amendment thereof, or a Licence issued pursuant to The Environment Act.

Respecting Emergencies

39. The Licensee shall, in the case of physical or mechanical equipment breakdown or process upset where such breakdown or process upset results or may result in the release of a pollutant in an amount or concentration, or at a level or rate of release, that causes or may cause a significant adverse effect, immediately report the event by calling the 24-hour environmental accident reporting line at 204-944-4888 (toll-free 1-855-944-4888). The report shall indicate the nature of the event, the time and estimated duration of the event and the reason for the event.
40. The Licensee shall, following the reporting of an event pursuant to Clause 39:
 - a) identify the repairs required to the mechanical equipment;
 - b) undertake all repairs to minimize unauthorized discharges of a pollutant;
 - c) complete the repairs in accordance with any written instructions of the Director; and
 - d) submit a report to the Director about the causes of breakdown and measures taken, within one week of the repairs being done.
41. The Licensee shall, within 30 days of the issuance of this licence, prepare and maintain an emergency response contingency plan in accordance with the Canadian Centre for Occupational Health and Safety "Emergency Response Planning Guide" or other emergency planning guidelines acceptable to the Director.

Closure and Post-Closure

42. Within one year prior to imminent closure of the Development, the Licensee shall submit, for the approval of the Director, a formal detailed Closure and Post-Closure Plan for the Development.
43. The Licensee shall implement and maintain the approved Closure and Post-Closure Plan.

REVIEW AND REVOCATION

- A. If, in the opinion of the Director, the Licensee has exceeded or is exceeding or has or is failing to meet the specifications, limits, terms or conditions set out in this Licence, the Director may, temporarily or permanently, revoke this Licence.
- B. If, in the opinion of the Director, new evidence warrants a change in the specifications, limits, terms or conditions set out in this Licence, the Director may require the filing of a new proposal pursuant to Section 10 of The Environment Act or request the filing of a Notice of Alteration.

Original Signed by
James Capotosto
Director

Appendix 1
to
Environment Act Licence No 3375

Site plan for Color Ad Facility

