



AIR EMISSION REGULATIONS
**APPLICATION FOR AN AIR EMISSIONS PERMIT
 GENERAL**

- Applicants should ensure that they:
 - are familiar with the *Air Emissions Regulation* (under the *Yukon Environment Act*).
 - complete all applicable sections, legibly printing or typing all information.
 - complete the signature block at the end of the form.
 - submit all required attachments, including all applicable activity-specific form(s).
- A pre-permit inspection may be conducted prior to the issuance of any permit.
- An assessment of the activity you are undertaking may be required under the *Yukon Environmental and Socio-Economic Assessment Act* (YESAA) prior to the issuance of this permit.
- Additional information may be required upon receipt of this application.
- Payment of a technical review fee may be required prior to the issuance of this permit.

Read carefully and fill out all sections.

Part 1 - Contact and site information		
1. Name and address of applicant		
Contact name	Position title	Phone
Business name or government agency/branch/department		Fax
Mailing address		Postal code
Email	Name (person or business) to appear on permit	
2. Who is directly responsible for the activity requiring an Air Emissions Permit? (For multiple site locations, list on a separate sheet)		<input type="checkbox"/> Same as (1) above, or:
Contact name	Position title	Phone
Business name or government agency/branch/department		Fax
Mailing address		Postal code
Email		
3. Where will the source of the air emissions be located? (For multiple site locations, list on a separate sheet)		<input type="checkbox"/> Same as (1) above, or:
Mailing address		Postal code
Civic address		Postal code
Legal address (lot #, block, plan #, quad/group)		
Geographic Coordinates (centre of site/point source of air emissions in lat/long, UTM (specify zone) or Yukon Albers)		
4. Who owns the land on which the source of air emissions will be located? (For multiple site locations, list on a separate sheet)		<input type="checkbox"/> Same as (1) above, or:
Name(s)*		
5. Is the land leased? If so, by whom?		
6. If the land is within municipal boundaries, describe the zoning of that land.* (For multiple site locations, list on a separate sheet).		

*Applicants not owning the land on which the source is to be located must include with this application a letter from the landowner authorizing the intended activity on their property.

Part 2 - Activities requiring an air emissions permit

Check off the activity(ies) that apply to your operation and complete the applicable activity-specific activity form(s).

- Manufacturing asphalt
- Production/exploration of oil and/or natural gas resulting in release of combustion products from flaring or burning
- Quarrying, crushing and screening of stone, clay, shale, coal or minerals in an active excavation area covering an area greater than 4 hectares
- Processing or handling of coal at a rate of greater than 5 million BTU per hour
- Operation of equipment capable of generating, burning or using, according to the manufacturer's specifications, heat energy equivalent to or greater than 5,000,000 BTU/hr
- Burning of waste by:
 - Incinerating*:
 - Operation of incinerators capable of burning, according to the manufacturer's specifications, more than 5kg of solid waste per day
 - Incinerating special waste, as defined in the Special Waste Regulations
 - Incinerating contaminated soil containing any contaminant in excess of the generic numerical soil standard or the matrix numerical soil standard in Schedules 1 and 2 of the Contaminated Sites Regulation, but which is not special waste
 - Open burning** of more than 5 kg/day of solid waste
 - Demolition of a structure by burning
- Operation of electricity generating facilities with a maximum nameplate capacity equal to or more than 1.0 Megavolt ampere (at unity power factor equivalent to 1.0 megawatt).
- Use of fuel with sulphur content in excess of 1.1% for:
 - Heating
 - Generating steam or electricity
 - Combustion in industrial process
- Storage or handling of solid, liquid or gaseous materials or substances in a manner that causes or may cause an adverse effect.
- This application has been required by the Minister for any of the following reasons:
 - Opacity of emissions exceeds 40%
 - Release of a contaminant to the air that may cause or is likely to cause irreparable damage to the natural environment
 - In the opinion of a health officer, the release of a contaminant to the air that may cause actual or imminent harm to public health or safety

* **Incinerating** means combustion in an incinerator, which is equipment used for the burning of waste or contaminated soil where the air intake and combustion temperatures may be controlled.

** **Open burning** refers to the combustion of material without control of the combustion air or without a stack or chimney to vent the emitted products of combustion to the atmosphere.

Part 3 - Other permits/approvals

7. Have you applied for another permit(s) under Yukon's *Environment Act* regulations:

- Solid Waste Regulations
 - Operation of a solid waste disposal site
 - Operation of a commercial dump
 - Other: _____
- Special Waste Regulations
 - Disposal of special waste
 - Other: _____
- Other regulation: _____

Is your project subject to review under the *Yukon Environmental and Socio-economic Assessment Act* (YESAA)?

- Yes: YESAA project number _____ No

Part 4 - Emissions and source information

9. Describe the type and quantity of the contaminants that may be released into the air. If available, provide results of any stack tests or dispersion modelling that has been conducted for the potential emissions.

10. Provide (as an attachment) a set of plans/drawings of the facility clearly showing the layout of the following as they apply:

- The location of relevant process equipment,
- The point or points of discharge to the atmosphere,
- Building dimensions,
- Stack heights,
- Directional arrow showing North and the prevailing wind direction(s), and
- The scale or approximate scale of the drawing.

11. Provide (as an attachment) a map or aerial photograph, on a scale of 1:50,000 detailing the location of the facility, homes, buildings, roads and other adjacent facilities within a five kilometre radius of the source(s).

12. Identify which of the following measures (if any) will be taken to reduce the amount of air emissions released from the facility and/or the concentrations of contaminants in the air emissions.

Burning cleaner fuels (i.e. natural gas instead of oil)

Adding scrubber systems

Sorting feedstock (for incinerators and/or burning vessels)

Increasing air flow

Controlling the combustion temperature

Other: _____

Provide manufacturer's specifications (as an attachment) for any emissions control equipment to be used, if available.

13. Provide a description of any measures to be taken to mitigate the effects of the release of air contaminants on the surrounding environment such as only burning solid waste when the wind direction will move smoke away from populated areas. (Use an extra sheet if necessary.)

14. Provide a description of any equipment or devices the applicant intends to use to monitor the release of contaminants into the air at the point(s) of release. Include information on contaminants monitored, monitoring frequency, action levels and responses, and any other relevant information.

15. Attach the manufacturer's specifications for any equipment which has the potential to produce emissions.

16. List staff certified to observe opacity (if any):

Name of staff	Training institute	Date last trained

I, _____, am the authorized representative of _____, and I certify that the information provided on this application form is correct and complete to the best of my knowledge.

PRINT NAME CLEARLY

BUSINESS PERSON RESPONSIBLE FOR SOURCE OR ACTIVITY

All attachments and site-specific information comprise part of this application.

Signature of applicant

Date

No. of attachments

The original completed and signed application should be mailed or delivered to your local government office or:
 Environmental Programs Branch (V-8)
 Department of Environment, Government of Yukon (located at 10 Burns Road, Whitehorse)
 Box 2703, Whitehorse, Yukon Y1A 2C6

For additional information: Phone: (867) 667-5683 or 1-800-661-0408 ext. 5683
 Fax: (867) 393-6205
 Web: yukon.ca/en/waste-and-recycling
 Email: envprot@gov.yk.ca

This information is being collected under the authority of section 11 of the *Air Emissions Regulation*, section 9 of the *Solid Waste Regulations* and/or section 9 of the *Special Waste Regulations*. For further information, contact the Environmental Programs Branch at (867) 667-5683 or toll free at 1-800-661-0408 extension 5683.