

# APPLICATION FOR RESOURCE CONSENT

## FORM B: DISCHARGE TO AIR

### – GREENHOUSE GAS EMISSIONS FROM INDUSTRIAL PROCESS HEAT



#### NOTES

- Discharges of greenhouse gas into the air from certain industrial heat devices require resource consent under the regulations in the Resource Management (National Environmental Standards for Greenhouse Gas Emissions from Industrial Process Heat) Regulations 2023 (NES-IGHG). This activity form will help you apply for a resource consent. The regulations affect industries that use fossil fuels in heat devices to generate industrial process heat that produce greenhouse gas emissions. Examples may include, but are not limited to:

- including in the manufacturing of products (metals, chemicals etc)
- processing of raw materials (milk into milk powder, wood pulp into paper, woollscour, fellmongery etc.
- horticulture/indoor farming when industrial heat is used to grow plants or other photosynthesising organisms indoors, or for animals housed indoors (eg chickens).

- You must fully complete this activity form and supply the required information. Provide as much detail as you can where the questions are relevant to your activity. We request that you provide electronic copies of supporting information. Doing so may reduce administrative costs charged to you.
- You must also supply completed Form A.
- If your heat device or site is associated with an activity that also has other air discharges (eg odour, dust, smoke, other contaminants) you may also need to apply for a resource consent for those and complete other relevant forms (see forms for Discharge to Air – General/Other and Discharge to Air – Indoor Chicken Farming).
- Unless we advise otherwise, you should also consult with any person or party who may be interested in or affected by your proposal. You should provide details of this consultation, including written approval from these parties if possible.
- You must pay the required initial deposit when you submit this consent application.
- Failure to provide the required information and payment will delay the processing of your application. If you do not provide adequate information then we will not be able to process your application, and will return it to you. If you do not pay the required fees, we may stop processing your application until payment is received.
- Remember to sign and date all forms.

#### Other Specific Consenting Requirements

A separate emissions plan, in accordance with the NES-IGHG requirements, will need to be prepared and submitted alongside this application form.

If the total projected annual greenhouse gas (GHG) emissions from all site heat devices exceed 2,000 tonnes of carbon dioxide equivalent of greenhouse gases, the emissions plan must also be reviewed by a Suitably Qualified Person.

Information and assistance in identifying activities that require a consent under these regulations, and for preparing applications, can be found at the following websites:

**National Direction for Greenhouse Gas Emissions from Industrial Process Heat: Industry factsheet | Ministry for the Environment**

**Emissions Plan Guidance | EECA**

#### FOR OFFICE USE ONLY

File:

Client ID:

Project:

**Please make sure you read and understand the information section at the end of this form. If you need any further help, please phone our Resource Use staff on 0800 800 401.**

## SITE AND LOCATION

1. If known, please supply map coordinates of the discharge point/s or area (such as Easting/Northing coordinates or NZMS260 grid references). These locations must also be clearly identified on the location map you have supplied with Form A.

2. Briefly describe the site at which the activity is to occur.

3. Does the site also need/have resource consent for any other discharge to air (eg combustion contaminants, or contaminants such as odour, smoke, spray or particulate matter)? If so, provide details below (activity type, application or consent reference numbers etc, or if not yet applied for also complete and include the form "Discharges to Air – General/Other or Discharges to Air – Indoor Chicken Farming)

4. List any other air discharge activities that are part of your proposal and are permitted (allowed without a resource consent) under the Waikato Regional Plan, Regional Coastal Plan, and/or the National Environmental Standard for Greenhouse Gas Emissions from Industrial Process Heat.

5. Provide information that shows how each permitted activity will comply with the conditions of the relevant NES-IGHG regulation or Regional Plan rule, including stack height for permitted combustion activities under the Waikato Regional Plan. Attach additional pages if required.

## PROCESSES

6. Describe the processes that take place on-site, identifying sources of greenhouse gas emissions to air. Provide process flow diagrams if appropriate and details of process capacity including raw material used, throughput, heat output, fuel consumption and fuel type as appropriate. Complete the following table(s) for each device and the site then use the text box for further description. Use separate pages if necessary for additional devices or description.

Information required	Heat Device 1	Heat Device 2	Heat Device 3
Fuel Type:			
Is the device: <i>Note: "existing" means before 27 July 2023, and does not include a replacement, see NES-IGHG definition for more detail</i>	<input type="radio"/> Existing <input type="radio"/> New/proposed	<input type="radio"/> Existing <input type="radio"/> New/proposed	<input type="radio"/> Existing <input type="radio"/> New/proposed
Device use:	<input type="radio"/> A back up device <input type="radio"/> Not a backup device (ie a primary use device)	<input type="radio"/> A back up device <input type="radio"/> Not a backup device (ie a primary use device)	<input type="radio"/> A back up device <input type="radio"/> Not a backup device (ie a primary use device)
What temperature does the device deliver heat up to:	<input type="radio"/> <300°C <input type="radio"/> ≥300°C	<input type="radio"/> <300°C <input type="radio"/> ≥300°C	<input type="radio"/> <300°C <input type="radio"/> ≥300°C
What rate of greenhouse emissions does the device emit each year:	_____ tonnes of carbon dioxide equivalent of greenhouse gas per year	_____ tonnes of carbon dioxide equivalent of greenhouse gas per year	_____ tonnes of carbon dioxide equivalent of greenhouse gas per year
Taking account of all heat devices at the site that burn any fossil fuel and are not back up devices, what rating is the site in terms of total emissions:	<input type="radio"/> Low emission site <input type="radio"/> Medium emission site <input type="radio"/> High emission site	<p><b>Note:</b> Definitions in the NES-IGHG include the following:</p> <p><b>high-emissions site</b> means a site that, each year, emits more than 2,000 tonnes of carbon dioxide equivalent of greenhouse gases from heat devices that— (a) burn any fossil fuel; and (b) are not back-up devices</p> <p><b>low-emissions site</b> means a site that, each year, emits less than 500 tonnes of carbon dioxide equivalent of greenhouse gases from heat devices that— (a) burn any fossil fuel; and (b) are not back-up devices</p>	

### Process description and details:

**7. If your site has 2 or more heat devices on site (whether new or existing, or both), in determining the application(s) in respect of the relevant heat devices is your preference for Waikato Regional Council to apply a site-wide approach, or not? If relevant, give reasons.**

*Note: The consent authority (not applicant) must decide whether to apply a site-wide approach. However your response here will be taken into consideration. Under a site-wide approach the consent authority considers the total climate change effects of the discharges from all of the relevant heat devices; and if granting the resource consent, imposes any conditions (for example, a condition requiring compliance with an emissions plan, including any emissions reduction target in the plan) by reference to all of the relevant heat devices.*

☐ site-wide approach      ☐ individual relevant device approach      ☐ not applicable (eg one device at site only)

**Reasons:**

## EMISSIONS PLAN

**8. Have you included an Emissions Plan with your application?**

*Note: The inclusion of an emissions plan is a requirement of any application under the NES-IGHG. If an emissions plan is not included your application will not be accepted as complete. The NES-IGHG contains the requirements for the purpose and content of an emissions plan in regulation 15.*

**Emissions plan included:** ☐ Yes      ☐ No

**9. If this site is a High Emissions site (refer question 4), have you provided your emissions plan to a suitably qualified person (SQP) for review?**

*Note: The review of an emissions plan by a SQP including their recommendations and reasons is a requirement of any application under the NES-IGHG from a high emissions site (whether or not the site is assessed site-wide or on an individual device basis). If an emissions plan from a high emission site is not reviewed by a SQP your application will not be accepted as complete. The NES-IGHG contains a definition of a SQP in regulation 14(5).*

☐ Yes, a SQP has reviewed the emissions plan:

☐ SQP name and basis of suitable qualification \_\_\_\_\_

*Note: evidence of qualification and/or work history should be provided to support the person being recognised as a SQP and may be attached on separate pages if required; **and***

- ☐ SQP has provided recommendations; and
- ☐ SQP has provided reasons for their recommendations
- ☐ No, a SQP has not reviewed the emissions plan :
- ☐ this is not a high emissions site

## MONITORING

**10. Describe any current, ongoing and proposed monitoring of the activity against the emission plan and any preference for timing to report on this to Waikato Regional Council (eg to coincide with reporting for other consents for site activities).**

## CONSIDERATION OF ALTERNATIVES

- 11. If your activity involves one or more new device, outline your assessment of any potentially technically feasible and financially viable lower-emission alternatives that were investigated or considered. Use separate pages if necessary. Provide details on whether these are being implemented, and if not, then why not.**

## RESULTS AND INTEPRETATION

- 12. Describe the actual and potential climate change effects, with a focus on cumulative effects, of your activity, taking into account reductions proposed in the emissions plan.**

*Note that the NPS-IGHG and the Waikato Regional Plans recognise that, cumulatively, all discharges of greenhouse gases resulting from the production of industrial process heat, regardless of volume, contribute to climate change, and any reduction in greenhouse gas emissions contributes to mitigating climate change.*

## OTHER POLICIES AND REQUIREMENTS

- 13. Assess your proposal against any relevant provisions of:**

- National Environmental Standard for Greenhouse Gas Emissions from Industrial Process Heat (NES-IGHG)
- National Policy Statement for Greenhouse Gas Emissions from Industrial Process Heat (NPS-IGHG)
- the Waikato Regional Policy Statement (RPS).
- the Waikato Regional Plan (WRP) and/or Waikato Regional Coastal Plans (WRCP)

## VALUE OF CONSENT HOLDER INVESTMENT

**Important:** You must complete question 14 if your application is intended to replace a currently operative resource consent and this application will be lodged with Waikato Regional Council at least 3 months before that consent expires.

**14. Provide an assessment of the value of your investment. You need to:**

- specify the value of investment of the activities/infrastructure that are reliant on the resource consent/s you are applying for here. This must be the 'book value' of the investment (not the replacement value).
- include evidence that supports the assessment.

## PART 2 OF THE RMA

**15. Provide an assessment of your proposed activity/activities against the matters set out in Part 2. Part 2 of the RMA is attached on the last page.**

Is your application consistent with Part 2 matters?

☐ Yes

☐ No

Part 2 assessment, additional comments (if any):

## CONSULTATION

Unless the Waikato Regional Council has indicated otherwise, you should identify and consult with any parties that may be potentially affected by or interested in your discharge activity.

- If you are in doubt about who you should be talking to, then call the Waikato Regional Council's staff.

Make sure you provide anyone consulted with sufficient information so that they can fully understand what it is you want to do and how they may be affected by it. This could include a copy of this application form once it is completed and/or any plans or maps. Make sure you make yourself available if requested to explain the application, answer any questions and discuss options for resolving any concerns.

### **16. Identify the parties that may be potentially affected by or interested in your discharge activity and consent application and any consultation with them.**

Provide details about the consultation you have undertaken, or explain why consultation was not considered necessary. If possible you should provide written comment or approval from those you have identified. Continue on additional pages if necessary. Make sure you let us know:

- who you consulted with
- how we can contact these people
- their relationship to you (for example, neighbour, local iwi, interest group)
- any concerns they may have about your activity, and how you intend to avoid or mitigate (lessen) these effects.

## FINAL CHECKLIST

### **17. Have you? (Please tick )**

- ☐ Filled in all parts of this form (Form B) that are relevant to your activity, provided all the information required, and completed and attached any other related activity forms
- ☐ Attached a proposed emissions plan
- ☐ You must also supply completed Form A
- ☐ Applied for any district council consents that are also required for your proposal.
- ☐ Consulted with any affected parties, and included their comments and/or written approval (if possible).
- ☐ Included or paid the required deposit fee for this application.

## 5 Purpose

- (a) The purpose of this Act is to promote the sustainable management of natural and physical resources.
- (b) In this Act, sustainable management means managing the use, development, and protection of natural and physical resources in a way, or at a rate, which enables people and communities to provide for their social, economic, and cultural well-being and for their health and safety while—
  - (a) sustaining the potential of natural and physical resources (excluding minerals) to meet the reasonably foreseeable needs of future generations; and
  - (b) safeguarding the life-supporting capacity of air, water, soil, and ecosystems; and
  - (c) avoiding, remedying, or mitigating any adverse effects of activities on the environment.

## 6 Matters of national importance

In achieving the purpose of this Act, all persons exercising functions and powers under it, in relation to managing the use, development, and protection of natural and physical resources, shall recognise and provide for the following matters of national importance:

- (a) the preservation of the natural character of the coastal environment (including the coastal marine area), wetlands, and lakes and rivers and their margins, and the protection of them from inappropriate subdivision, use, and development:
- (b) the protection of outstanding natural features and landscapes from inappropriate subdivision, use, and development:
- (c) the protection of areas of significant indigenous vegetation and significant habitats of indigenous fauna:
- (d) the maintenance and enhancement of public access to and along the coastal marine area, lakes, and rivers:
- (e) the relationship of Maori and their culture and traditions with their ancestral lands, water, sites, waahi tapu, and other taonga:
- (f) the protection of historic heritage from inappropriate subdivision, use, and development:
- (g) the protection of protected customary rights
- (h) the management of significant risks from natural hazards.

## 7 Other matters

In achieving the purpose of this Act, all persons exercising functions and powers under it, in relation to managing the use, development, and protection of natural and physical resources, shall have particular regard to—

- (a) kaitiakitanga:
  - (aa) the ethic of stewardship:
- (b) the efficient use and development of natural and physical resources:
  - (ba) the efficiency of the end use of energy:
- (c) the maintenance and enhancement of amenity values:
- (d) intrinsic values of ecosystems:
- (e) [Repealed]
- (f) maintenance and enhancement of the quality of the environment:
- (g) any finite characteristics of natural and physical resources:
- (h) the protection of the habitat of trout and salmon:
- (i) the effects of climate change:
- (j) the benefits to be derived from the use and development of renewable energy

## 8 Treaty of Waitangi

In achieving the purpose of this Act, all persons exercising functions and powers under it, in relation to managing the use, development, and protection of natural and physical resources, shall take into account the principles of the Treaty of Waitangi (Te Tiriti o Waitangi).

## Privacy Statement

The Resource Management Act (1991) requires this information to process the application and assist in managing the region's natural and physical resources. Information in this application is regarded as **official information**.

Waikato Regional Council will hold this information, including all associated reports and attachments, and it is subject to the Local Government Official Information and Meetings Act 1987 and the Privacy Act 2020. The details may also be made available to the public. These details are collected to inform the general public and community groups about all consents which have been processed or issued through the council.

Under the Privacy Act 2020 you have the right of access to, and correction of, personal information held by the Waikato Regional Council.