

Our reference A631027

Consent No. RM14.105.01

DISCHARGE PERMIT

Pursuant to Section 104B of the Resource Management Act 1991, the Otago Regional Council grants consent to:

Name: NZSki Limited

Address: Level 2, The Station, 44 Camp Street, Queenstown

To discharge contaminants to air

For the purpose of operating a generator and boiler

For a term expiring 20 May 2049

Location of consent activity:

Remarkables Ski Field, approximately 85 metres south west of the termination of Remarkables Ski Field Access Road, Queenstown

Legal description of consent location:

Secs 1-2 SO 22561 & Sec 1 BLK X Kawarau SD

Map Reference: NZTM 2000 E1270400 N5002488

Conditions Specific

1. The discharge shall only be from a Ygnis EM750 diesel fired hot water boiler and a PowerGen PG 780 AM generator, or such other replacement boiler/generators that are installed during the term of the consent. The consent holder shall advise the consent authority if such replacement occurs, giving details of the new equipment.
2. The discharge of particulate matter equal or smaller than 10 microns in diameter (PM10, 0oC, 1atm, 12 % CO2, dry gas basis), when measured in accordance with Condition 6 from the each stack shall not exceed 25 milligrams per cubic metre.
3. Only diesel shall be used as a fuel.
4. The discharge authorised by this permit shall be via two chimney stacks at least nine metres above ground level and shall be directed vertically into the air and shall not be impeded by any obstruction above the stack which decreases the vertical efflux velocity, below that which would occur in the absence of such obstruction.
5. No waste, including paper wastes, shall be disposed of in the boiler.



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Performance Monitoring

6. The consent holder shall measure the total suspended particulate and particulate matter equal or smaller than 10 microns in diameter discharged from both the generator and boiler, in accordance with the following:
 - (a) The test shall be undertaken upon commissioning and every five years thereafter;
 - (b) Each test shall comprise three measurements and shall be undertaken as far as practicable when the generator and boiler is working at normal operational load;
 - (c) The consent holder shall record the generator and boilers operational load, expressed as a percentage of maximum load, during the tests;
 - (d) The monitoring shall follow the combined use of USEPA Methods 1-4, USEPA Method 17, USEPA Method 201A ISO9096, or an equivalent approved method as agreed by the Consent Authority (see Advice Note 1);
 - (e) Tests are to be designed and undertaken by an appropriately qualified and independent person (i.e. holding ISO 1705 accreditation and has accreditation for the test methods used from IANZ or an equivalent body, unless no person or body in New Zealand holds accreditation for that particular test) (See Advice Note 2).
 - (f) The installation (where required) of sampling points shall comply with standard sampling requirements.
 - (g) Safe access shall be provided to all sampling points necessary for the purpose of carrying out the sampling of emissions whenever testing is required.
 - (h) The Consent Authority shall be given at least ten working days notice prior to the commencement of testing undertaken under Condition 6(a) above.
 - (i) The provision of the results of all tests, relevant operating parameters, raw data, all calculations, assumptions and an interpretation of the results within 25 working days of the results being received by the consent holder.
7. The consent holder shall maintain and update a management plan for the boiler and generator. This shall be submitted to the Consent Authority by 1 May 2015. The management plan shall be revised annually and the consent holder shall ensure the Consent Authority has the most up to date copy at all times. The management plan and subsequent revisions shall include, but not be limited to the following:
 - (a) Operation and maintenance schedules for the boiler and generator;
 - (b) A contingency plan for the breakdown of the boiler and generator;
 - (c) Methods for minimising the generation of odour and particulate from the boiler and generator
 - (d) A description of any monitoring required;
 - (e) Methods to record and deal with any complaints; and
 - (f) Assignment of responsibility for implementing and updating the plan.The boiler and generator shall be operated in accordance with the management plan at all times.
8. The consent holder shall maintain a record of any complaints received regarding the boiler and generator operation. The register shall include, but not be limited to:
 - (a) name and location of site where the problem is experienced;
 - (b) nature of the problem;
 - (c) date and time problem occurred, and when reported;
 - (d) action taken by consent holder to remedy the situation and any policies or methods put in place to avoid or mitigate the problem occurring again.A record of the complaints shall be submitted to the Consent Authority by 1 May each year.

General

9. There shall be no odour, particulate or smoke emissions beyond the boundary of the site as a result of the exercise of this consent that is noxious, dangerous, offensive or objectionable in the opinion of an authorised officer of the Consent Authority.
10. The consent holder shall notify the Consent Authority as soon as practicable of any plant malfunction or breakdown that results in an abnormal discharge. The consent holder shall ensure that any malfunctions in control systems are repaired as soon as possible.

Review

11. The Consent Authority may, in accordance with Sections 128 and 129 of the Resource Management Act 1991, serve notice on the consent holder of its intention to review the conditions of this consent within three months of each anniversary of the commencement of this consent, and on receiving any monitoring results under Condition 6 of this permit, for the purpose of:
 - (a) Determining whether the conditions of this permit are adequate to deal with any adverse effect on the environment which may arise from the exercise of the permit and which it is appropriate to deal with at a later stage, or which become evident after the date of commencement of the permit; or
 - (b) Ensuring the conditions of this consent are consistent with any National Environmental Standards; or
 - (c) Ensuring the discharge limits are appropriate and take into consideration appropriate methods to reduce particulate discharge.
 - (d) Amending the monitoring programme to be undertaken; or
 - (e) Adding or adjusting compliance limits for the parameters that are analysed in the samples taken under Condition 6 of this permit.
 - (f) Requiring the consent holder to adopt the best practicable option to remove or reduce any adverse effect on the environment arising as a result of the exercise of this permit.

Notes to Consent Holder

1. *The approval of the Consent Authority for alternate method(s) for source emissions testing will be based on a demonstrated advantage of the methods over the specified method(s) for the accuracy and precision of results and the testing company being suitably accredited for the alternate test method*
2. *Where no one in New Zealand holds appropriate accreditation for the particular testing methods required by this consent, emissions sampling and/or analysis may be undertaken by a suitably experienced person. The Consent Authority may require that any such testing be subject to independent peer review.*
3. *The Consent Authority may at any time undertake source emission testing and/or any other monitoring to ensure compliance with the conditions of this consent. The Consent Holder is advised that they will be required to pay for the costs of this monitoring accordance with Section 36(3) of the RMA.*



4. *If you require a replacement permit upon the expiry date of this permit, any new application should be lodged at least 6 months prior to the expiry date of this permit. Applying at least 6 months before the expiry date may enable you to continue to exercise this consent until a decision is made, and any appeals are resolved, on the replacement application.*

Issued at Dunedin this 21st day of May 2014



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