

Schedule 1 - Notification of abnormal emissions

This page outlines the information that the Operator must provide to satisfy conditions 5.1.1 and 5.1.2 of this Permit.

Units of measurement used in information supplied under Part A and B requirements shall be appropriate to the circumstances of the emission. Where appropriate, a comparison should be made of actual emissions and authorised emission limits.

If any information is considered commercially confidential, it should be separated from non-confidential information, supplied on a separate sheet and accompanied by an application for commercial confidentiality under the provisions of the PPC Regulations.

Part A

Permit Number	AP3433ES
Name of Operator	Kepak Group Ltd
Location of Installation	Merthyr Tydfil
Location of the emission	BFT2815475
Time and date of the emission	16/07/2025

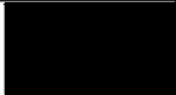
Substance(s) emitted	Media	Best estimate of the quantity or the rate of emission	Time during which the emission took place
R449A	Air Emission	170kg	16/07/2025

Measures taken, or intended to be taken, to stop the emission	The emission was detected after the date of emission.
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Part B

Any more accurate information on the matters for notification under Part A.	On 16/07/2025, the Environmental Department was notified of a refrigerant gas leak originating from a rented blast freezer unit. The unit holds 170kg of gas, all of which was released. The leak originated from the faulty / leaking check valve and was discovered during an investigation into unit not holding required temperatures. The valve was replaced, the valve was sealed, and the system was pressure tested to ensure the repairs held. The system was re-charged with 170kg of R449A refrigerant.
Measures taken, or intended to be taken, to prevent a recurrence of the incident	The unit was repaired and pressure tested before the system was re-charged with R449A refrigerant. The unit is leased, and all maintenance is contractually the responsibility of the owner. The site is not responsible for the equipment and its management. However, as this is the second gas leak from a rented freezer unit, we have stipulated that a leak detection system will need to be installed on the units we have on site. The leak detection system will be the responsibility of the owner. Meetings will be held to set out timelines for a leak detection system to be installed, and call-out times should there be leaks detected.

Measures taken, or intended to be taken, to rectify, limit or prevent any pollution of the environment or harm which has been or may be caused by the emission	Meeting to be held with the owner of the blast freezers that we lease on site to discuss a timeline for a leak detection system to be installed, and call-out times in the event of a leak.
The dates of any unauthorised emissions from the installation in the preceding 24 months.	08/01/2024 Emission exceedance – Fats, Oil and Grease, Critical Oxygen Demand, and Suspended Solids 06/06/2024 Emission exceedance – Fats, Oils and Grease 15/04/2025 Release of R449A gas

Name*	
Post	Environmental Coordinator
Signature	
Date	28/07/2025

* authorised to sign on behalf of Kepak Red Meat Division