

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	BV7460ID
Name of Operator	Newport Wafer Fab Ltd
Location of Installation	Cardiff Road, Newport, NP10 8YJ
Location of the emission	Effluent Treatment Plant, Cardiff Road, Newport, NP10 8YJ
Time and date of the emission	09.30 – 10.00 Thursday 9 th January 2020

Substance(s) emitted	Media	Best estimate of the quantity or the rate of emission	Time during which the emission took place
Vapour containing 36% conc. Hydrochloric Acid (HCl)	Air	8.8m ³ of air saturated with 36% HCl released over 30 minutes	09.30 - 10.00

Measures taken, or intended to be taken, to stop the emission	The release was only seen once the delivery had been completed and as such the emission had ceased. No deliveries will be accepted until corrective action has been completed, and in the meanwhile there is no further impact to the environment.
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Part B

Any more accurate information on the matters for notification under Part A.	At approx. 09.30 a delivery of Hydrochloric Acid to the storage tank in the area of the site effluent treatment plant commenced. The water supply to the dedicated scrubber failed, causing the vapour displaced from the tank during delivery to be released without treatment over the next 30 minutes.
Measures taken, or intended to be taken, to prevent a recurrence of the incident.	The valve controlling the water supply to the scrubber will be mechanically locked open and a visual flow meter will be installed that will alarm if water isn't flowing to the scrubber. In addition refresher training will be carried out and maintenance to check the function of the equipment will be scheduled on our Maintenance Management System.
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	As above – the failed equipment has the sole purpose of preventing harm to people and the environment so all actions completed will prevent pollution.

The dates of any unauthorised emissions from the installation in the preceding 24 months.	29.08.2019 – noise emission as per BV7460ID_CAR_NRW0035639
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Name*	Alan Lambie
Post	Director of Facilities and EHS
Signature	
Date	13.01.2020

Name*	Sarah Underwood
Post	Environmental Engineer
Signature	
Date	13.01.2020

* authorised to sign on behalf of Newport Wafer Fab Limited