

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	EPR/BV5386IX
Name of Operator	Yuasa Battery (UK) Ltd
Location of Installation	Unit 22, Rassau Industrial Estate, Ebbw Vale, Blaenau Gwent, NP23 5SD
Location of the emission	Factory No.2, Oxide Mill No.5
Time and date of the emission	Under investigation

Substance(s) emitted	Media	Best estimate of the quantity or the rate of emission	Time during which the emission took place
Lead Oxide	Resulting from a fire in the oxide mill filter socks.	Approximately 20kgs removed from the roof.	Estimated at between 03:45 hours on 20/3/16 and 06:55 hours on 21/3/16

Measures taken, or intended to be taken, to stop the emission	A high level of particulate was identified on the constant emission monitor at the start of the dayshift on 21/3/16 and the oxide mill was immediately shut down.
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Part B

Any more accurate information on the matters for notification under Part A.	<p>The cause is suspected to be a faulty door seal that has allowed ambient air to enter the oxide mill.</p> <p>From this, it is likely that moisture in the air has reacted with the Lead oxide resulting in a chemical reaction that has generated significant heat inside the mill.</p> <p>One of the 3 absolute filters fitted to the equipment was found to be distorted which created a gap at the top of the filter.</p>
Measures taken, or intended to be taken, to prevent a recurrence of the incident	<ol style="list-style-type: none"> 1. Review the door sealing material to ensure it is suited to the application. 2. Review the absolute filters to ensure the strongest available are purchased and used. 3. Replace the damaged door seals. 4. Review all similar equipment and, if appropriate, replace any other door seals as appropriate. 5. Replace the oxide mill filter socks and thoroughly clean the equipment. 6. Replace the absolute filters. 7. Check the emission level on the Constant Emission Monitor when re-starting the mill and arrange a stack emission sample at stack A2. 8. Review and, where appropriate, update the mill auto shut-down systems. 9. Review and update operational records and training.
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	<ol style="list-style-type: none"> 1. Assess the immediate risk to ensure personal health and the environment are protected. 2. Arrange for the immediate cleaning of the affected places including a section of the roof below the duct. 3. Arrange for the safe and controlled disposal of waste materials removed from the area. 4. Arrange Lead in air sampling around the location to ensure the Lead in air level is normal.
The dates of any unauthorised emissions from the installation in the preceding 24 months.	No Lead emission has taken place in the previous 24 months.

Name*	Selwyn Thomas
Post	HSE Manager
Signature	
Date	22/3/16

* authorised to sign on behalf of Yuasa Battery (UK) Ltd