

NOTIFICATION AS REQUIRED BY CONDITION 4.3.1 of Permit BL4567IZ

SCHEDULE 5

Part A

Permit Number	BL4567IZ
Name of Operator:	Vale Europe Limited
Location of Facility	Clydach Refinery, Clydach, Swansea, SA6 5QR.
Time and date of the detection	28 th Feb – 3 rd March 2023 - Air Emissions Monitoring

(a) Notification requirements for any activity that gives rise to an incident or accident which significantly affects or may significantly affect the environment	
To be notified Immediately	
Date and time of the event	
Reference or description of the location of the event	
Description of where any release into the environment took place	
Substances(s) potentially released	
Best estimate of the quantity or rate of release of substances	
Measures taken, or intended to be taken, to stop any emission	
Description of the failure or accident.	

(b) Notification requirements for the breach of a permit condition	
To be notified immediately	
Emission point reference/ source	A36 – Filtered extract from Pellet & Powder Plant BVC vacuum cleaning system
Parameter(s)	Dust
Limit	Dust – 5 mg/m ³
Measured value and uncertainty	A36 – Dust – 17.21 mg/m ³
Date and time of monitoring	A36 – 03/03/23 – 09:00 – 10:00
Measures taken, or intended to be taken, to stop the emission	Outlined in Part B

Time periods for notification following detection of a breach of a limit	
Parameter	Notification Period

(c) In the event of a breach of permit condition which poses an immediate danger to human health or threatens to cause an immediate significant adverse effect on the environment:	
To be notified immediately	
Description of where the effect on the environment was detected	

Appendix 1 (Sep-22) Review Due: Sep-24

Substances(s) detected	
Concentrations of substances detected	
Date of monitoring/sampling	

Part B – to be submitted as soon as practicable

Any more accurate information on the matters for notification under Part A.	A36 – Root Cause - Suspected Filter Failure resulting in elevated dust at outlet point.
Measures taken, or intended to be taken, to prevent a recurrence of the incident	Further investigation has identified the following measures planned to be implemented to prevent a recurrence of this incident in future:- A36 – Maintenance plan deep dive required by Asset reliability engineering team to ensure a robust system is embedded to capture filter changes before end of life and improve visual inspection programme.
Measures taken, or intended to be taken, to rectify, limit or prevent any pollution of the environment which has been or may be caused by the emission	A36 - Ducting to be cleaned out and Filter to be changed
The dates of any unauthorised emissions from the facility in the preceding 24 months.	July 2021 relating to March monitoring A18, A78 - CO & Dust December 2021 relating to October monitoring A1,A28,A30,A46 - NOx & Dust April 2022 W1 Temp September 2022 W1 Total Nickel and Soluble Nickel December 2022 relating to October monitoring A1,A26,A28,A78 – NOx, CO & Dust
Name*	Richard De Filippo
Post	Sustainability Supervisor
Signature	<i>Richard De Filippo</i>
Date	21/04/2023

* authorised to sign on behalf of the operator