

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	During October / November 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	A1 – Kiln Plant “Born “ Heater A28 – Hydrogen Plant Reformer Furnace and Flue Gas Heaters A30 – Hydrogen Plant Ruston Boiler A46 – Filtered extract from FMW off-loading area – recovery conveyor system
Parameter(s)	NO _x , Dust
Limit	NO _x – 100 mg/m ³ Dust – 5 mg/m ³
Measured value and uncertainty	A1 – NO _x – 130.77 mg/m ³ A28 – NO _x – 110.32 mg/m ³ A30 – NO _x – 126.91 mg/m ³ A46 – Dust – 7.01 mg/m ³
Date and time of monitoring	A1 – 11/10/21 – 14:30 – 15:30 A28 – 12/10/2021 - 12:20 – 13:20 A30 – 12/10/2021 - 15:20 – 16:20 A46 – 03/11/2021 - 13:40 – 15:40
Measures taken, or intended to be taken, to stop the emission	To follow

RAP09/WI03 v7 (Feb-19) Review Due: Feb-22

(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	
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.	To follow
Measures taken, or intended to be taken, to prevent a recurrence of the incident	To follow
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	To follow
The dates of any unauthorised emissions from the facility in the preceding 24 months.	03rd May 2019 W1 Total, Sol Ni & Suspended solids 29th September 2019 W10 Use of Refinery emergency Flood Pumps 22nd October 2019 W1 Total & Sol Ni 21st January 2020 W1 Total Ni and Suspended Solids 29th June 2020 W1 Total and Sol Ni October 2020 W1 pH December 2020 relating to September monitoring A1.A26,A28,A31 NOx & CO 03rd May 2021 W1 pH July 2021 relating to March monitoring A18, A78 CO & Dust
Name*	Richard De Filippo
Post	Sustainability Supervisor
Signature	<i>Richard De Filippo</i>
Date	15/12/2021

* authorised to sign on behalf of the operator