

# Notice of variation and consolidation with introductory note

The Environmental Permitting (England & Wales) Regulations 2016

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**Vale Europe Limited**

**Clydach Nickel Refinery  
Clydach  
Swansea  
SA6 5QR**

Variation number

**EPR/BL4567IZ/V010**

Permit number

**EPR/BL4567IZ**

# Clydach Nickel Refinery

## Permit number EPR/BL4567IZ

### Introductory note

**This introductory note does not form a part of the notice.**

The following notice gives notice of the variation and consolidation of an environmental permit.

This variation is to install a hydrogen vent on the Process Gas Plant to allow the discharge of hydrogen from the high-level vent, which will open before the mechanical vents on the hydrogen gas holders.

The schedules specify the changes made to the permit.

The status log of a permit sets out the permitting history, including any changes to the permit reference number.

<b>Status log of the permit</b>		
<b>Description</b>	<b>Date</b>	<b>Comments</b>
Application received	20/12/2001	Application duly made 20/12/01
Operator requests Commercial Confidentiality for diagrams of the foam & fibre coating process	28/12/2001	Request agreed to. Notice of Determination sent to Operator 31/12/01
1 <sup>st</sup> Schedule 4 Notice Issued	24/01/2002	1 <sup>st</sup> Schedule 4 Notice Response received 23/04/2002
2 <sup>nd</sup> Schedule 4 Notice Issued	07/06/2002	2 <sup>nd</sup> Schedule 4 Notice Response received 18/07/2002
Request from Agency (1) to extend determination date to 29/11/2002.	18/07/2002	Operator agrees to the extension to determination period. 23/07/2002
Request from Agency (2) to extend determination period to 28/03/2003	19/11/2002	Operator agrees to the extension to determination period. 27/11/2002
3 <sup>rd</sup> Schedule 4 Notice Issued	17/03/2003	3 <sup>rd</sup> Schedule 4 Notice Response received 25/07/2003
Operator informs the Agency of change of company registered office.	22/09/2003	Information added to the application.
Request from Operator (1) to extend determination date to 22/09/2003	27/07/2003	Agency agrees to extension to determination period. 27/07/2003

## Status log of the permit

Description	Date	Comments
Request from Operator (2) to extend determination date to 22/10/2003	15/09/2003	Agency agrees to extension to determination period. 15/09/2003
Additional information received on flood defence pumps	19/09/2003	Information added to application.
Request from Agency (3) to extend determination date to 31/10/2003.	14/10/2003	Operator agrees to the extension to determination period. 15/10/2003
Request from Operator (3) to extend determination date to 14/11/2003	15/10/2003	Agency agrees to extension to determination period. 15/10/2003
Permit Issued	14/11/2003	----
Application EPR/BL4567IZ/V002	Application received on 27/01/2005	Application returned. Dealt with instead as a Regulation 16 notification of change.
Application EPR/BL4567IZ/V003	08/12/2008	Application duly made 29/01/2009
Variation Issued	30/01/2009	
Application EPR/BL4567IZ/V004	Application received 30/07/2010	Application duly made 30/07/2010
Additional information Received	19/08/2010	
Variation issued	28/09/2010	
Application EPR/BL4567IZ/V005	Application received 02/04/2012	Application duly made 23/05/2012
Additional information received	19/06/2012	Document entitled 'Clarification: "Atmospheric Dispersion Modelling Study of Releases from Proposed Advanced Energy Project", P1028/R015 Rev 1 page 19' received.
Additional information received	28/06/2012	Appendix H to the application document 'Supporting document in respect of application to vary environmental permit reference BL4567IZ under the Pollution Prevention and Control (England and Wales) Regulations 2010' [sic], reference P1028/R007-Rev 1.
Request for further information	06/07/2012	Further information requested relating to the operation of the RTO

**Status log of the permit**

<b>Description</b>	<b>Date</b>	<b>Comments</b>
		and potential impacts associated with abnormal operation.
Additional information received	26/07/2012	Information relating to existing soil acidity in the locality and background metals concentrations at a range of monitoring stations.
Additional information received	27/07/2012	Document entitled 'Assessment of the impact of releases from the Vale AEP on the North and South bank of the River Tawe', document reference P1028/R020, issue date 26/07/12.
Response to request for further information dated 06/07/12 received	09/08/2012	
Additional information received	10/08/2012	Revised version of document entitled 'Atmospheric dispersion modelling study of releases from proposed advanced energy project', reference P1028/R015 Rev 2, dated July 2012. This replaces the original version of this document that was included as Appendix 14 of the document
		'Supporting document in respect of application to vary environmental permit reference BL4567IZ under the Pollution Prevention and Control (England and Wales) Regulations 2010' [sic], reference P1028/R007-Rev 1 when the application was received.
Variation and consolidation issued EPR/BL4567IZ/V005	14/12/2012	Notice of variation and consolidation issued (incorporating a new, consolidated permit).
Regulation 60(1) Notice of request for information	27/07/2016	
Regulation 60(1) response received	30/11/2016	Implementation of BAT conclusions under IED
Variation application received	21/12/2016	Application to vary the process for removing and drying solids from the waste water
Variation application received.	23/06/2017	Variation to removed pyrolysis plant received.

**Status log of the permit**

<b>Description</b>	<b>Date</b>	<b>Comments</b>
Natural Resources Wales Non-Ferrous Metals Sector Review 2016 Permit EPR/BL4567IZ Variation issued EPR/BL4567IZ/V006	16/10/2017	Varied and consolidated permit issued in modern IED condition format
Variation application received EPR/BL4567IZ/V007	Duly made 08/01/2021	Application for the use of coagulating in the effluent treatment process
Variation issued	07/05/2021	Variation Issued to Vale Europe Limited
Variation application received EPR/BL4567IZ/V008	18/05/2022	Application to replace 2 existing boilers with 2 new boilers
Additional information received	06/09/2022	Revised H1 tool assessment received
Variation issued EPR/BL4567IZ/V008	22/11/2022	Variation Issued to Vale Europe Limited
Application (variation) received PAN-020046	30/11/2022	Application to install closed-loop waste-water recycling system
Additional information received in response to a Schedule 5 notice sent on 05/05/2023	16/05/2023	Assessment of emissions to water of Sodium and existing permitted pollutants
Additional information received following an informal request for information sent on 06/06/2023	08/06/2023	Further information on the use of sodium and sulphate and the emergency waste water containment tanks
Variation determined	27/09/2023	Varied permit issued
Variation application received PAN-023615 (EPR/BL4567IZ/V010)	23/10/2023	Application to install a hydrogen vent on the Process Gas Plant
Additional information received following an informal request for information sent on 30/04/2024	15/05/2024	Updated site plan
Variation Determined EPR/BL4567IZ/V010	29/05/2024	Varied permit issued to Vale Europe Limited

End of introductory note

## Notice of variation and consolidation

The Environmental Permitting (England and Wales) Regulations 2016

The Natural Resources Body for Wales (“Natural Resources Wales”) in exercise of its powers under regulation 20 of the Environmental Permitting (England and Wales) Regulations 2016 varies and consolidates

Permit number  
**EPR/BL4567IZ**

issued to  
**Vale Europe Limited** (“the operator”)

whose registered office is

**Suite 1  
7th Floor  
50 Broadway  
London  
United Kingdom  
SW1H 0BL**

company registration number **00137114**

to operate a regulated facility at

**Clydach Nickel Refinery  
Clydach  
Swansea  
SA6 5QR**

to the extent set out in the schedules.

The notice shall take effect from 29/05/2024

Signed

Date

**Holly Noble**

**29/05/2024**

Authorised on behalf of Natural Resources Wales

**Schedule 1**

All conditions have been varied by the consolidated permit as a result of the application made by the operator.

**Schedule 2 – consolidated permit**

Consolidated permit issued as a separate document.