

# Notice of variation with introductory note

Environmental Permitting (England & Wales) Regulations 2016

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**Rockwool Limited**

**Pencoed Rockwool  
Wern Tarw  
Pencoed  
Bridgend  
CF35 6NY**

Variation number

**EPR/BS6149IQ**

Permit number

**EPR/BS6149IQ/V010**

# **Pencoed Rockwool**

## **Permit number EPR/BS6149IQ**

### **Introductory note**

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

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

This variation adds 2 Improvement Conditions that formalise the improvements already proposed by the Operator and sets an agreed deadline for the improvements to be completed.

The schedules specify the changes made to the original permit.

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

## Status log of the permit

Description	Date	Comments
Application BS6149	Duly made 18/07/02	
Request for additional information	23/09/02	
Additional information received	28/03/03	
Request for additional information	27/12/02	
Additional information received	28/03/03 and 21/05/03	
Permit determined BS6149	26/03/04	
Environment Agency initiated variation (LP3837SR) withdrawn	04/08/05	
Application for variation LP3637LK	Duly made 15/08/06	
Variation determined LP3637LK	20/03/07	
Application for variation MP3436UC	Duly made 18/07/07	
Operator request that SPL is removed from permit	28/02/08	
Request accepted	28/02/08	
Variation determined MP3436UC	05/03/08	
Application for variation EA/PPC/BS6149IQ/V005	Duly made 13/09/08	
Variation determined EA/PPC/BS6149IQ/V005	23/12/08	
Application for variation VP3031KW	Duly made 14/12/09	
Variation EPR/BS6149IQ/V006 issued (VP3031KW)	10/03/10	
Variation application EPR/BS6149IQ/V007	Duly made 23/12/10	
Additional information received	21/01/11	Updated site plan
Additional information received	31/01/11	NGR of emission point A22 and A23
Additional information received	11/02/11	Information regarding tank vents
Variation including consolidation of permit issued – EA/EPR/BS6149IQ/V007	22/03/11	
Regulation 60(1) Notice of request for more information	27/02/14	
Regulation 60(1) response received	30/05/14	Implementation of BAT conclusions under IED
Natural Resources Wales Glass Sector Review Permit EPR/BS6149IQ Variation issued EPR/BS6149IQ/V008	31/07/15	Varied and consolidated permit issued in modern IED condition format.

**Status log of the permit**

<b>Description</b>	<b>Date</b>	<b>Comments</b>
NRW initiated variation EPR/BS6149IQ/V009	Issued 01/03/16	Varied and consolidated permit issued to correct errors in previous version
NRW initiated variation EPR/BS6149IQ/V010	26/10/18	Permit varied to include 2 additional Improvement Conditions

End of introductory note

## Notice of variation

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

Permit number

**EPR/BS6149IQ**

issued to:

**Rockwool Limited** (“the operator”)

Whose registered office is

**Wern Tarw**

**Pencoed**

**Bridgend**

**CF35 6NY**

company registration number **0972252**

to operate a regulated facility at

**Wern Tarw**

**Pencoed**

**Bridgend**

**Cf35 6NY**

to the extent set out in the schedules.

The notice shall take effect from 26/10/18

Signed

Date

<b>Holly Noble</b>	<b>26/10/18</b>
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Authorised on behalf of Natural Resources Wales

### Schedule 1 – conditions to be deleted

None

### Schedule 2 – conditions to be amended

None

### Schedule 3 – conditions to be added

The following conditions are added following an NRW initiated variation;

Table S1.3 Improvement programme requirements		
Ref.	Requirement	Date
IP13V	<p>The Operator shall submit a written report describing how the raw materials used in Cupolas 1, 2 and 3 are selected in order to reduce or prevent emissions to air. The Operator shall have regard to the BAT Conclusions for the manufacture of Glass, section 1.1.4 “General Primary Techniques”, and item 6.</p> <p>In particular, the report shall describe how incoming raw materials are controlled and tested prior to use to ensure that impurities are minimised. Where relevant, the report shall also give examples of where existing raw materials have been substituted with alternatives (e.g. less volatile), which are less polluting with regard to air emissions from Cupola 1, 2 and 3.</p>	30/10/15
IP14V	<p>The Operator shall submit a written report identifying which surrogate parameters are monitored continuously for the purposes of ensuring that emission levels are maintained between discontinuous measurements. The Operator shall have regard to the BAT Conclusions for the Manufacture of Glass, section 1.1.4 “General Primary Techniques”, item 7 (vii) and shall expand on the information given in the regulation 60 notice response dated 30<sup>th</sup> May 2014.</p> <p>All parameters associated with emissions to air (Table S3.1 of this permit) which are discontinuously monitored shall be included. The report shall also describe how each surrogate parameter is measured.</p>	31/12/15
IP15V	<p>BAT-AEL only apply during normal operating conditions. On this basis, the Operator shall submit a written report for approval by Natural Resources Wales defining the parameters of normal operating conditions. The report shall include each plant item for which BAT AEL's apply.</p>	31/01/16
IP16V	<p>The Operator shall submit the written protocol referenced in condition 3.1.5 for the monitoring of soil and groundwater for approval by Natural Resources Wales. The protocol shall demonstrate how the Operator will meet the requirements of Articles 14(1) (b), 14(1) (e) and 16(2) of the IED.</p> <p><i>The procedure shall be implemented in accordance with the written approval from Natural Resources Wales.</i></p>	31/12/15
IP17V	<p>The Operator shall submit a report on the baseline conditions of soil and groundwater at the installation. The report shall contain the information necessary to determine the state of soil and groundwater contamination so as to make a quantified comparison with the state upon definitive cessation of activities provided for in Article 22(3) of the IED. The report shall contain information, supplementary to that already provided in the application Site Condition Report, needed to meet the information requirements of Article 22(2) of the IED.</p>	31/12/15

IP18V	<p>The operator shall submit, for written approval, revised Sulphur Dioxide air emission limits for the A1, A2 and A19 emission points. The proposed emission limits shall be supported by:</p> <ul style="list-style-type: none"> <li>proposals on how the operator intends to set a Sulphur Dioxide limit based on Sulphur balance calculations;</li> <li>Air quality modelling assessment which will need to demonstrate that any changes in Sulphur Dioxide emission limits will not have an impact on local air quality (this assessment will need to also demonstrate no adverse impact on designated habitats);</li> <li>an assessment of the environmental impact of using virgin raw material in the process as opposed to waste products.</li> </ul> <p>On approval the submission will form part of the operating techniques referred to in the permit.</p>	31/01/16
IP19V	<p>If storing Priority Hazardous Substances on site, the Operator must carry out the following assessments with reference to the Environment Agency's guidance document H1 Annex D1 'Assessment of hazardous pollutants within surface water discharges',</p> <ul style="list-style-type: none"> <li>Phase 1 Part A screening tests for mercury, cadmium, nickel, lead, benzene, polyaromatic hydrocarbons and any other relevant substances.</li> <li>Phase 1 Part B screening tests for mercury, cadmium, polyaromatic hydrocarbons and any other relevant priority hazardous substances. For any substance which is not screened out by the Phase 1 Part A or Part B screening tests the Operator will also need to carry out Phase 2 modelling, as described in H1 Annex D1.</li> </ul> <p>The Operator must provide Natural Resources Wales with the results of the emissions monitoring, the results from the screening tests and the results from any Phase 2 modelling. The Operator may use the Environment Agency's H1 electronic screening tool to present the emissions data and to carry out the Phase 1 screening tests.</p> <p>Note: With regard to the Phase 1 Part A screening - a full list of relevant substances is provided in Tables 1 and 2 of Appendix 1 of the Environment Agency's H1 Annex D1 guidance. The Operator must review the list and carry out the screening for any substances, in addition to those specified in the notice that may be present in the installations discharges to surface water. With regard to the Phase 1 Part B screening for priority hazardous pollutants, Table 1 in section 2.3.2 of H1 Annex D1 provides a full list of relevant priority hazardous substances and their associated annual significant loads.</p>	6 months from the issue of this variation
IP20V	<p>Unless otherwise agreed, in writing, with Natural Resources Wales the operator shall undertake the following corrective and maintenance actions at the installation's line 3 curing oven.</p> <p>Every access door or hatch located on the Line 3 curing oven shall be subject to the following:</p> <ul style="list-style-type: none"> <li>the existing door seal will be removed;</li> <li>the door will then be subject to a deep clean;</li> <li>a new door seal will be installed to provide an air tight seal.</li> </ul>	01/04/19
IP21V	<p>The first set of six-monthly monitoring at the A22 emission point during the 2019 period, shall be scheduled to be undertaken between the 2<sup>nd</sup> April 2019 and the 30<sup>th</sup> June 2019, unless otherwise agreed in writing with Natural Resources Wales.</p>	30/06/19