

# Notice of variation and consolidation with introductory note

The Environmental Permitting (England & Wales) Regulations 2016

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**Castle Cement Limited**

**Padeswood Cement Works  
Padeswood  
Mold  
Flintshire  
CH7 4HB**

Variation number

**EPR/BL1096IB/V021**

Permit number

**EPR/BL1096IB**

# **Padeswood Cement Works**

## **Permit number EPR/BL1096IB**

### **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.

The variation is the result of an operator application and allows them to install a Carbon Dioxide Capture Plant (CCP) at the installation, and associated changes, including addition of a Combined Heat and Power (CHP) plant (Approximately 130MW<sub>th</sub> input) to provide power to the new facility. Captured carbon dioxide from the plant waste gases will be compressed and transported by pipeline for geological storage. The variation also includes conditions added by Natural Resources Wales relating to noise from the existing plant, as the result of matters which have been identified through the variation process.

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.

**Status log of the permit**

<b>Description</b>	<b>Date</b>	<b>Comments</b>
Application BL1096	Received 29/08/01	
Notice requiring further information	Request sent 17/12/01	Consolidated application incorporating response received 05/06/02
Notice requiring further information	Request sent 11/04/03	Response received 06/06/03
Notice requiring further information	Request sent 17/07/03	Response dated 11/08/03
Additional information from Applicant: revised site plan and confirmation that landfill is not part of the installation	Received 24/10/03	
Additional information from applicant	Received 10/05/04	
Permit Determined BL1096	17/12/04	
Application for landfill variation	Received 15/04/05	
Notice requiring further information	Request sent 21/07/05	Response received 23/09/05 Response received 09/01/06
Notice requiring further information	Request sent 02/06/06	Response received 03/08/06 Response received 14/08/06 Response received 19/09/06
Variation Determined YP3438	08/11/07	
Application for MBM variation	Duly made 30/03/07	
Notice requiring further information	Request sent 27/06/07	Response received 20/07/07
Additional information from applicant	Received 20/12/07	
Request to amend fuel specification to Standard Waste Derived Fuel Specification for the Cement Sector	Received 21/02/07	
Additional information from applicant	Received 20/02/08	
Variation Determined KP3338UC	03/04/08	
Application for SRF variation	Received 03/07/07	
Notice requiring further information	Request sent 31/07/07	Response received 28/08/07
Additional information from applicant	Received 10/03/08	

**Status log of the permit**

<b>Description</b>	<b>Date</b>	<b>Comments</b>
Variation Determined AP3134UN	17/04/08	
Application for landfill variation	Duly made 27/05/08	
Additional information from applicant	Received 21/08/08	
Variation Determined EA/EPR/BL1096IB/V005	09/10/08	
Partial surrender application	Received 18/12/09	
Variation Determined EA/EPR/BL1096IB/S007	06/04/10	Partial surrender of permit to remove the operation of a hazardous waste landfill from permit
Environment Agency Cement and Lime Sector Review Variation EPR/BL1096IB/V009	04/08/10	
Environment Agency Variation correcting errors EPR/BL1096IB/V010	15/12/10	
Variation Application EPR/BL1096IB/V011 received	03/05/13	Variation to reduce monitoring requirements following results of a public health study.
Variation Application EPR/BL1096IB/V011 issued	06/09/2013	Variation issued
Regulation 60(1) Notice of request for more information	06/03/14	Regarding Implementation of BAT conclusions under IED
Regulation 60(1) response received	30/01/15	Regarding Implementation of BAT conclusions under IED
Variation Application EPR/BL1096IB/V012	Duly made 23/02/15	Variation to add in 2 docking stations and pneumatic conveyer
Variation Application EPR/BL1096IB/V012 issued	09/06/15	Variation issued
Request for additional information to support Regulation 60(1) response	26/06/15	
Response to request for additional information received	29/07/15	Clarification on techniques employed in respect of the following BAT conclusions: 2, 5(g), 8, 9, 14, 15, 16, 19 and 20.
Additional information received	02/03/16	Updated site plan
Additional information	14/03/16	Assessment of background

**Status log of the permit**

<b>Description</b>	<b>Date</b>	<b>Comments</b>
received		ammonia emissions
Natural Resources Wales Cement Sector Review 2015 Permit EPR/BL1096IB Variation issued EPR/BL1096IB/V013	19/07/16	Varied and consolidated permit issued in modern IED condition format.
Application PAN- 001655 (EPR/BL1096IB/V014)	Duly made 16/06/17	Substantial variation application to add Cement Mill 5 and rail loading facility.
Additional information received	03/11/17	Response to Schedule 5 Notice sent 11th October 2017
Variation of permit determined	08/01/18	Consolidated Permit issued to Castle Cement Limited
Application PAN- 002355 (EPR/BL1096IB/V015)	Duly Made 12/02/18	Duly Made 12/02/18
Variation and consolidation determined (EPR/BL1096IB/V015)	15/05/18	Variation and consolidation issued
Variation EPR/BL1096IB/V016	10/09/18	NRW led variation and consolidation
Application PAN-013925 (EPR/BL1096IB/V017)	Duly Made 16/09/21	Minor technical variation to make replacements on the bypass system
Variation determined (EPR/BL1096IB/V017)	22/10/21	Variation and consolidation permit issued
Variation application EPR/BL1096IB/V018 (PAN-019052)	22/08/2022	Variation to include use of Aluminium Oxide
Additional information received	Duly made 15/02/2023	Further information on the storage areas, extractive testing and odour assessment received.
Variation determined EPR/BL1096IB/V018	22/05/2023	Variation notice and consolidated permit issued
Variation application EPR/BL1096IB/V019(PAN -019893)	Received 14/11/22 Duly made 05/01/23	Minor technical variation to install a new SRF facility for transporting SRF into Kiln 4.
Additional information received EPR/BL1096IB/V019 (PAN-019893)	15/02/23 08/03/23	Response to Schedule 5 Notice information request (Noise Impact Assessment)
Additional information received EPR/BL1096IB/V019 (PAN-019893)	15/05/2023	Response to Schedule 5 Notice information request (dust bag filter emission point)
Additional information	31/05/2023	Response to Schedule 5 Notice

## Status log of the permit

Description	Date	Comments
received EPR/BL1096IB/V019 (PAN-019893)		information request (addendum to BAT assessment)
Variation determined EPR/BL1096IB/V019	06/06/2023	Variation notice issued and operators registered address updated
Variation application EPR/BL1096IB/V020 (PAN-022273)	06/06/23	Minor technical variation to upgrade dust filter and monitoring equipment and to add a surface water emission point.
Additional information received EPR/BL1096IB/V020 (PAN-022273)	Duly made 03/08/23	Further information on BAT assessment and noise impact.
Variation determined EPR/BL1096IB/V020	24/10/23	Variation and consolidated permit issued
Variation application EPR/BL1096IB/V021 (PAN-026621)	First received 09/08/24 Duly Made 17/02/25	Substantial variation to add carbon capture (for geological storage) plant, and integrated combined heat and power plant to provide energy to the facility, plus other associated changes to operation.
Additional information received EPR/BL1096IB/V021 (PAN-026621)	Complete 08/08/25, parts provided 13/05/25, 22/05/25 11/06/25 23/06/25 27/06/25 08/08/25	Response to Schedule 5 Notice information request dated 06/05/2025 (Revised air quality assessment for atmospheric formation of amine breakdown products, additional noise baseline and revised impact assessment, secondary containment of liquids)
Variation determined EPR/BL1096IB/V021	16/10/25	Variation and consolidated permit issued

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/BL1096IB**

issued to  
**Castle Cement Limited** (“the operator”)

whose registered office is

**Second Floor  
Arena Court  
Crown Lane  
Maidenhead  
Berkshire  
SL6 8QZ**

company registration number 02182762

to operate a regulated facility at

**Padeswood Works  
Padeswood  
Mold  
Flintshire  
CH7 4HB**

to the extent set out in the schedules.

Signed

Date

<b>Holly Noble</b>	<b>16/10/2025</b>
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Authorised on behalf of Natural Resources Wales

## **Schedule 1**

All conditions have been varied by the consolidated permit ERP/AB1234CD/V021.

The following conditions were varied as a result of an Natural Resources Wales initiated variation:

**Improvement Condition IC16 (V021) and  
Pre-operational Condition PO 9 (V021)**

The following conditions were varied as a result of the application made by the operator:

**All other permit conditions.**

## **Schedule 2 – consolidated permit**

Consolidated permit issued as a separate document.