

## Compliance Assessment Report CAR\_NRW0038999

**Permit being assessed:** BL1096IB.

For: Padeswood Cement Works , held by Castle Cement Limited

At: PADESWOOD WORKS , PADESWOOD, MOLD, MOLD, CLWYD, CH7 4HB.

**Type of assessment carried out:** Report/Data Review, Reason: Routine.

On 31/07/2021.

Parts of permit assessed: SEE NOTES

**NRW Lead Officer:** Lara Cubley, accompanied by Emma Pierce.

**Report sent to:** David Quick, Plant Manager on 21/12/2021.

### 1. Summary of our findings (full details in section 4)

Part of permitted activity assessed (criteria)	Assessment result	Permit condition
E5 - Emissions - Waste	Action only (X)	
E1 - Emissions - Air	C3 Minor	3.1.1
B5 - Infrastructure - Plant and equipment	C3 Minor	1.1.1
G4 - Monitoring and Records, Maintenance and Reporting - Reporting and notification to Natural Resources Wales	C4 No impact	4.3.2

Result types are explained in more detail in the 'Important Information' section below.

Total number of non-compliances recorded	Total non-compliance score
3	8.1

How we use the non-compliance score to calculate your annual fee is explained in the 'Important Information' section below.

### 2. What action is required?

Criteria	Action needed	Complete by
E5	see Action 1	31/01/2022
E1	Action already completed 30/04/21	Already completed
B5	see Action 2	31/01/2022
G4	See Action 3	28/02/2022

Action criteria codes are listed in the 'Important information' section below.

### 3. What will happen next?

Any non-compliance we have identified and recorded on this form is an offence. It can result in criminal prosecution and/or suspension or revocation of your permit.

**You are non-compliant with your permit.**

**At this time, we are issuing you with a warning for the non-compliance recorded above. Warnings may influence future enforcement response for continued or further non-compliance.**

This statement does not stop us from taking additional enforcement action if further relevant information comes to light or offences continue.

## 4. Details of our assessment

### Apr – Jun 21

This CAR covers a review of the routine monitoring and reports for the period Apr – Jun 2021 for all permitted emission points.

#### *Emissions to Water (W1)*

Emissions to water were compliant with the permitted limits during this period.

#### *Emissions to Air*

##### *Continuous Monitoring (A5, A8, A9, A15)*

All continuous emissions monitoring was provided as required by the permit and shown to be within the permitted limits during this period.

##### *Periodic Monitoring (A8, A15)*

All 6 monthly periodic emissions monitoring was provided as required by the permit and shown to be within the permitted limits during this period.

##### *Other Reports*

Alternative raw material / waste derived fuel usage reported as required by the permit. Kiln by-pass dust 6 monthly analysis also reported.

**ACTION 1:** Please investigate and report back as to why Dioxin and Chloride concentrations in by-pass dust appear so much higher this time and check Sb concentration, which is reported as the same as Pb.

#### *Notifications*

NRW received 3 Part A notifications during this period, as required by Condition 4.3 of the Permit

9/4/21

Part B received 26/11/21. This notification relates to a dust release from kiln 4 as a result of over pressurisation. **NWR considers this to be a breach of Condition 3.1.1 (E1 - CCS3) - Unauthorised emission to air.** The pressure reportedly went positive for approximately 1 minute as FN08 tripped on safety interlock for high temperature. The sudden temperature change was thought to have arisen from a variation in chemical inputs to the preheater tower. Upgrades to include online chemistry control was brought into service 30/04/21. Kiln feed variation has since reportedly reduced significantly which has reduced the risk of such a repeat event.

15/6/21

This notification relates to a fire in the SRF building. Please see CAR\_NRW0038593 relating to an inspection undertaken on the 18/06/21. The Part B was received on 10/12/21. The cause of the fire was identified as a faulty proximity switch. This resulted in combustible SRF escaping from the conveyor and falling onto a motor. The heat of the motor caused the fire. **NRW considers the root cause to be a breach of Condition 1.1.1 (B5 - CCS3) in that the Operator failed to have adequate checks/maintenance of the proximity switch in place.**

**ACTION 2:** The Operator must confirm the status of actions from the report submitted with the Part B and in CAR\_NRW0038593 by 31/01/22. This includes preventative maintenance checks to proximity switch and clean.

26/6/21

Relates to an exceedance of the particulate result on Cement Mill 2 (A4) on 25 June 2021. Cement Mill 2 reportedly only ran for a total of 61 minutes across 2 runs on the 25/06/21 during this commissioning phase with a reported concentration of 23.1mg/m<sup>3</sup>. The Part B was received on the 14/12/21 together with CM1 & CM2 Commissioning (Environmental) June 2021 report. Five diaphragms were replaced on the filter and the subsequent run on 02/07/21 reportedly showed an emission concentration of 1mg/m<sup>3</sup>. The emission limit of 10mg/m<sup>3</sup> is for a daily average. Extractive testing was undertaken w/c 06/12/21 and reports are awaited.

The Permit requires Part B of notifications to be submitted as soon as practicable. The Operator has taken over 6 months to provide Part Bs.

**NRW considers this to be a breach of Condition 4.3.2 - G4 Reporting & Notifications CCS4.**

**ACTION 3:** The Operator must review procedures and ensure adequate resources to comply with the relevant permit condition. The Operator should report findings to NRW in writing by 28/02/22.

If you have any queries about this report, or to discuss completion of any actions, please contact the NRW Officer named above.

## Important information

### Legal status of this report

Your permit is issued to you under the Environmental Permitting Regulations. You have a responsibility to comply with the conditions of your permit and prevent pollution/harm of the environment. You must also ensure that you comply with any other relevant legislation that may apply to your site's operations.

This report explains the findings of our assessment and any action you are required to take. We categorise non-compliance using our guidance for assessing non-compliance at regulated sites.

When we find potential non-compliance/s we will normally give you advice on how to maintain compliance.

To correct non-compliance, we may:

- require you to take specific actions
- issue a notice
- review the conditions of your permit.

Any advice and guidance we give will be without prejudice to any other enforcement response that we consider may be required.

### Assessment results and non-compliance categories (used in section 1):

Assessment result	Description
Assessed (A)	Assessed or assessed in part, no evidence of non-compliance found
Action only (X)	Action only relating to the activity assessment
Ongoing (O)	Ongoing non-compliance, not scored

Non-compliance category	Description	Score
C1 Major	Potential to have a major, serious, persistent and/or extensive impact or effect on the environment, people and/or property	60
C2 Significant	Potential to have a significant impact or effect on the environment, people and/or property	31
C3 Minor	Potential to have a minor or minimal impact or effect on the environment, people and/or property	4
C4 No environmental impact	Non-compliance at a regulated site that cannot foreseeably have any impact on the environment, people and/or property	0.1

### How we use assessment scores

The number and severity of non-compliances recorded in a year will affect your annual subsistence fee the following year. A non-compliance factor is added to your site's Operator

Performance Risk Appraisal (OPRA) score when we calculate your fee to reflect the additional resource we use to assess permit compliance.

**What are suspended scores?**

In line with our guidance, we may suspend scores for up to six months to allow time for remedial action to be taken. Suspended scores will be re-instated if the action is not completed.

**Full list of Industry and Waste action criteria (used in section 1 and 2):****A: Permitted activities**

- A1 Specified by permit

**B: Infrastructure**

- B1 Infrastructure – Engineering for prevention and control of emissions
- B2 Infrastructure – Closure and decommissioning
- B3 Infrastructure – Site drainage engineering (clean and foul)
- B4 Infrastructure – Containment of stored materials
- B5 Infrastructure – Plant and equipment

**C: General management**

- C1 General management – Staff competency/training
- C2 General management – Management system and operating procedures
- C3 General management – Materials acceptance
- C4 General management – Storage, handling, labelling and segregation

**D: Incident management**

- D1 Incident management – Site security
- D2 Incident management – Accidents, emergency and incident planning

**E: Emissions**

- E1 Emissions – Air
- E2 Emissions – Land and groundwater
- E3 Emissions – Surface water
- E4 Emissions – Sewer
- E5 Emissions – Waste

**F: Amenity**

- F1 Amenity – Odour
- F2 Amenity – Noise
- F3 Amenity – Dust/fibres/particulates and litter
- F4 Amenity – Pests/birds and scavengers
- F5 Amenity – Deposits on road

**G: Monitoring and records, maintenance and reporting**

- G1 Monitoring and records, maintenance and reporting – Monitoring of emissions and environment
- G2 Monitoring and records, maintenance and reporting – Records of activity, site diary/journal/events
- G3 Monitoring and records, maintenance and reporting – Maintenance records
- G4 Monitoring and records, maintenance and reporting – Reporting and notification to Natural Resources Wales

**H: Resources efficiency**

- H1 Resource efficiency – Efficient use of raw materials
- H2 Resource efficiency – Energy efficiency

## Enforcement response

Any permit condition non-compliance is an offence and we may take legal action against you. Action we take can include prosecution, serving a notice on you and/or suspension or revocation of your permit. See our Enforcement and Sanctions Guidance for further information.

## Data protection notice

You should make sure that anyone named in this report knows that the information it contains will be processed by Natural Resources Wales to fulfil its regulatory and monitoring functions and to maintain the relevant public register(s).

We may also use and/or disclose the report in connection with:

- offering or providing you with our literature or services relating to environmental matters
- consulting with the public, public bodies and other organisations (e.g. Health and Safety Executive, local authorities) on environmental issues
- carrying out statistical analysis, research and development on environmental issues
- providing public register information to enquirers
- investigating possible breaches of environmental law
- assessing customer service satisfaction and improving our service
- Freedom of Information Act or Environmental Information Regulations requests.

We may also pass it on to our agents or representatives to do these things on our behalf.

## Disclosure of information – this report will be available to view on-line

If you think this report contains commercially confidential information that should not be placed on our public register, you must contact your local Natural Resources Wales office within **fifteen working days** of receiving this report, using the contact details in the accompanying email or letter. You must give a full explanation of why it should not be added to our public register, including specifying which information is commercially confidential. We will assess your request and respond to you within 20 working days to let you know if we agree to your request.

## What do I do if I disagree with the report or have a complaint?

If you disagree with this compliance assessment report, you should contact the lead officer without delay to discuss your concerns.

If you are unable to resolve the issue with the lead officer or their line manager you should contact our Customer Contact team on 0300 065 3000 (Monday to Friday 08:00 – 18:00), or email [enquiries@naturalresourceswales.gov.uk](mailto:enquiries@naturalresourceswales.gov.uk) for details of how to raise your dispute further through our Complaints and Commendations procedure.

If you are dissatisfied with our response, you can contact the Public Services Ombudsman for Wales by phone on 0300 7900203 or by email at [ask@ombudsman.wales](mailto:ask@ombudsman.wales)

## Welsh Language Standards

We are committed to establishing Natural Resources Wales as a naturally bilingual organisation. We will provide compliance reports in your preferred language.