

Schedule 5 - Notification

These pages outline the information that the operator must provide.

Units of measurement used in information supplied under Part A and B requirements shall be appropriate to the circumstances of the emission. Where appropriate, a comparison should be made of actual emissions and authorised emission limits.

If any information is considered commercially confidential, it should be separated from non-confidential information, supplied on a separate sheet and accompanied by an application for commercial confidentiality under the provisions of the EP Regulations.

Part A

Permit Number	EPR/BS6149IQ
Name of operator	Rockwool Limited
Location of Facility	Wern Tarw, Pencoed, Bridgend, CF35 6NY
Time and date of the detection	9 th May 2023
Rockwool Ref Number	08/23

(a) Notification requirements for any malfunction, breakdown or failure of equipment or techniques, accident, or emission of a substance not controlled by an emission limit which has caused, is causing or may cause significant pollution

To be notified within 24 hours of detection

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	
Substance(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 limit

To be notified within 24 hours of detection unless otherwise specified below

Emission point reference/ source	A2
Parameter(s)	Oxides of Nitrogen
Limit	500mg/Nm3
Measured value and uncertainty	505.5mg/Nm3
Date and time of monitoring	8 th May 2023, 24 hour average
Measures taken, or intended to be taken, to stop the emission	At the beginning of the 24 hour average a CO spike caused high temperatures and TC17 to open. TC17 was stuck open and the environmental readings, including NOx, spiked. This was resolved but the NOx remained high. Output and blast air were reduced and a main hole drain was completed at 08:15am in an attempt to reduce the NOx. This lowered the NOx levels back down within permit limits. However, a Cupola surge led to a NOx spike that pushed the 24 hour average back above the permit limit. Process, Production and the Environmental Team are continually monitoring the situation to reduce the NOx emissions.

Time periods for notification following detection of a breach of a limit	
Parameter	Notification period

(c) Notification requirements for the detection of any significant adverse environmental effect	
To be notified within 24 hours of detection	
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.	TC17 is a fresh air damper that ensures that the flue gas temperature does not increase above the recommended main chimney temperature by introducing ambient air when required. TC17 was sticking and this hampered the Cupola operators in managing the emissions readings.
Measures taken, or intended to be taken, to prevent a recurrence of the incident	TC17 was inspected by the maintenance team and cleaned on 15th May and this improved performance. A whole new damper was fitted on the next down day on 22nd May. TC17 valve inspection occurs during every planned shutdown, next due in September. However, the Maintenance team are liaising with the Production team to include cleaning of the damper at a more regular frequency going forward.
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	
The dates of any unauthorised emissions from the facility in the preceding 24 months.	
Name*	Samuel Brookes
Post	Environmental Manager
Date	09/05/2023 (Part A) 04/08/2023 (Part B)

* authorised to sign on behalf of Rockwool Limited