

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	3 rd July 2023
Rockwool Ref Number	14/23

(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	A19
Parameter(s)	Carbon Monoxide
Limit	50 mg/Nm ³
Measured value and uncertainty	51.1 mg/Nm ³
Date and time of monitoring	2 nd July 2023, 24 hour average
Measures taken, or intended to be taken, to stop the emission	CO instability was monitored by the Operators and levels were within permit limits for the majority of the 24 hour period. However, a burner in the combustion system went out towards the end of the 24 hour period and pushed the CO average above permit limits. Contaminated heat exchangers from previous fly ash breakthrough identified as possible source of CO instability. Please note that the heat exchangers were visually inspected as part of the previous incident and no obvious issues were found. The scheduled line down day for Thursday has been moved forward to Monday 3rd July and extended to 48 hours to allow full inspection and cleaning of the heat exchangers.

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.	CO instability caused by an issue with heat exchanger within combustion system
Measures taken, or intended to be taken, to prevent a recurrence of the incident	Line 3 shutdown earlier than planned to allow full inspection of heat exchangers. A crack was found in heat exchanger bank 2. This was repaired by the Maintenance Team to allow Line 3 to start back up. Full overhaul repair to take place during Summer shutdown 23rd to 29th August. This heat exchanger whilst being repaired in August stop, will be replaced at Christmas. To prevent recurrence, heat exchangers will be inspected every shutdown with visual inspection for bearings and actuators/sensors. The actual physical movement of valves, taking valve from 0 - 100%, will also be done by Maintenance Team every shutdown.
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	Line 3 down day brought forward to prevent further CO emissions and extended to 48 hours.
The dates of any unauthorised emissions from the facility in the preceding 24 months.	
Name*	Samuel Brookes
Post	Environmental Manager
Date	03/07/2023

* authorised to sign on behalf of Rockwool Limited