

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 authorized 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 PPC Regulations.

Part A

Permit Number / Variation Notice Number	BR8212IK / (EPR/BR8212IK/V004)
Name of operator	Knauf Insulation
Location of Installation	Cwmbran
Time and date of the detection	Between 16/11/2022 19:07 –17/11/2022 04:07

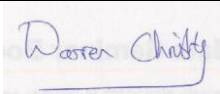
(a) Notification requirements for any malfunction, breakdown or failure of equipment or techniques, accident, or fugitive emission which has caused, is causing or may cause significant pollution	
To be notified within 24 hours of detection	
Date and time of the event	Between 16/11/2022 19:17 – 17/11/2022 04:07
Reference or description of the location of the event	Knauf Insulation, Cwmbran
Description of where any release into the environment took place	Emission point A1 – Furnace stack
Substance(s) potentially released	Carbon Monoxide
Best estimate of the quantity or rate of release of substance	3 spot sample 30 minute average of 161.5 mg/m ³
Measures taken, or intended to be taken, to stop any emission	Result was obtained post the event and when re-sampled on 05/12/2022 showed a sampling result of 9.3 mg/m ³ for Carbon Monoxide
Description of the failure or accident	No failure or accident took place.

(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	A1 – Furnace stack
Parameter(s)	Carbon Monoxide
Limit	3 spot sample 30 minute average 200 mg/m ³
Measured value and uncertainty	3 spot sample 30 minute average of 161.5 mg/m ³
Date and time of monitoring	16/11/2022 19:17 – 17/11/2022 04:07
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	
Substance(s) detected	Carbon Monoxide
Concentrations of substances detected	3 spot sample 30 minute average of 161.5 mg/m ³
Date of monitoring/sampling	16/11/2022 19:17 – 17/11/2022 04:07

Part B – to be submitted as soon as practicable

Any more accurate information on the matters for notification under Part A.	Investigation highlighted the extractive sampling results taken using the Horiba unit on the 16/11/2022 showed a significant level of variance for NOx compared to the sites CEMs unit. As such a potential issue was identified with the emission samplers calibration gas resulting in re-sampling taking place on 05/12/2022. The re-sampling data showed expected values of 9.3 mg/m ³ for Carbon Monoxide.
Measures taken, or intended to be taken, to prevent a recurrence of the incident	Further verification and additional calibration gases are to be requested from the extractive emission sampling company by the site HSE Manager before the next extractive sampling regime in June 2023 to validate the emissions data.
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	As above.
The dates of any unauthorised emissions from the installation in the preceding 24 months.	Particulate matter - Daily average of 20.83 mg/m ³ 30/10/2021 06:00– 31/10/2021 06:00 Oxides of Nitrogen (Expressed as NO ₂) – Daily average of 331 mg/m ³ 17/11/2022 06:00– 18/11/2022 06:00

Name*	Warren Christy
Post	HS&E Manager
Signature	
Date	20/03/2023

* authorised to sign on behalf of Knauf Insulation Limited