

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 11/07/2022 06:00 –12/07/2022 06:00

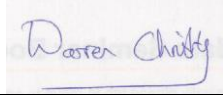
(a) Notification requirements for any malfunction, breakdown or failure of equipment or techniques, accident, or fugitive emission which has caused, is causing or may cause significant pollution	
To be notified within 24 hours of detection	
Date and time of the event	Between 11/07/2022 06:00 – 12/07/2022 06:00
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	Oxides of Nitrogen (Expressed as NO ₂)
Best estimate of the quantity or rate of release of substance	24 hour daily average of 331 mg/m ³
Measures taken, or intended to be taken, to stop any emission	Various parameters were adjusted on the furnace control to stabilise the furnace and therefore bring the emission value back below 300 mg/m ³
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)	Oxides of Nitrogen (Expressed as NO ₂)
Limit	24 hour average 300 mg/m ³
Measured value and uncertainty	24 hour average 331 mg/m ³
Date and time of monitoring	11/07/2022 06:00 – 12/07/2022 06:00
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	Oxides of Nitrogen (Expressed as NO ₂)
Concentrations of substances detected	Daily average of 311 mg/m ³
Date of monitoring/sampling	11/07/2022 06:00 – 12/07/2022 06:00

Part B – to be submitted as soon as practicable

Any more accurate information on the matters for notification under Part A.	Investigation highlighted that the plant had shutdown at 06:00 on 11/07/22 for a 5 day essential maintenance shutdown. During the initial reduction in load on the furnace from 13 fibre production units to 3 units there was a period of time where various parameters on the furnace were undertaking significant changes to account for this reduction in pull rate. During this period the NO _x emissions rose such that the permitted emission limit was breached.
Measures taken, or intended to be taken, to prevent a recurrence of the incident	Various parameters were adjusted on the furnace control to stabilize the furnace which brought the emission value back below 300 mg/m ³ . Following investigation with the sites OSIP data system currently being non-operational through the businesses current IT issues, a daily view of the emissions as a graph will be reviewed by the sites HSE manager to assess compliance from the CEMs unit.
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	Measures are in place to ensure the daily average Oxides of Nitrogen (Expressed as NO ₂) emission from point A1 are reviewed and remain below 300 mg/m ³ .
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

Name*	Warren Christy
Post	HS&E Manager
Signature	
Date	22/07/2022

* authorised to sign on behalf of Knauf Insulation Limited