

Schedule 6 - 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	BR9383ID	Notification Reference	EP_EX_269
Name of operator	Knauf Insulation Ltd		
Location of Facility	Chemistry Lane, Queensferry, Deeside, Flintshire, CH5 2DA		
Time and date of the detection	11 th May 2021 following receipt of monitoring results from testing carried out on 14 th April 2021		

(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	
Reference or description of the location of the event	
Description of where any release into the environment took place	
Substances(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	Stack G, Main Line Cooling Zone Stack
Parameter(s)	Particulate Matter
Limit	10 mg/Nm ³
Measured value and uncertainty	Ammonia: All tests on 15/4/2021 Run 1 09:40 to 10:00 and 10:01 to 10:21 11.6 mg/Nm³ Run 2 10:33 to 10:53 and 10:54 to 11:14 10.8 mg/Nm³ Run 3 11:22 to 11:42 and 11:43 to 12:03 10.0 mg/Nm³ Overall result reported 10.8 mg/m³ Measurement Uncertainty +/- 0.65
Date and time of monitoring	Manual Monitoring on 6 th October 2020; 11:25 – 13:53 hours
Measures taken, or intended to be taken, to stop the emission	This is the first failed quarterly test for Particulate Matter since 8/8/2019. In the meantime there have been 6 tests averaging 6.25 mg/Nm³ with a maximum of 8.4 mg/Nm³. At the time of the tests the cooling zone spray water flows were good at >54 m³/h. This flow increased following the installation of a new pump for that purpose during the plant shut at the end of March. The increase should have a positive effect on particulate removal. The cooling zone fan speed was unusually high during the test period and may have resulted in increased particulate carry through the abatement system. Outside air temperatures were less than 10C throughout testing so the factory air going through the product should have been providing sufficient cooling at a lower flow. Further investigation to be carried out.

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	

Name*	G A Jones
Post	Energy Environment and Compliance Manager
Signature	
Date	11 th May 2021

* authorised to sign on behalf of Knauf Insulation Ltd