

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_237
Name of operator	Knauf Insulation Ltd		
Location of Facility	Chemistry Lane, Queensferry, Deeside, Flintshire, CH5 2DA		
Time and date of the detection	07:30 16th September 2019		

(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	07:25 16th September 2019
Reference or description of the location of the event	A fire that started in the oven spread into the extraction ducting to the oxidizer, visible dark smoke was emitted from the mainline curing oven stack for less than 10 minutes
Description of where any release into the environment took place	Smoke emitted from stack F, mainline curing oven stack plus some fugitive emission of smoke from building vents Fire water run-off to the boundary ditch on the railway side of the factory (fire brigade using small bore hoses to damp down inside the ducting)
Substances(s) potentially released	CO₂, CO, NO_x and particulates from incomplete burning of resin residual within the extraction ducts Possible small amount of carbonaceous solids washed into the boundary ditch in fire water run-off,
Best estimate of the quantity or rate of release of substances	Using a very rough estimate of 500kg of resin build up partially combusted I estimate the maximum release rate to be 500 kg CO₂, <50 kg CO, 100kg NO_x and < 100 kg particulates plus water vapour. Maximum 10 kg of carbonaceous solids from burnt resin in the fire water run-off
Measures taken, or intended to be taken, to stop any emission	Plant shutdown to replace failed fan impeller and clean and check equipment before re-starting
Description of the failure or accident.	Oven fire spread into ductwork creating a hole. The additional airflow and high temperatures resulted in excessive fan speed which combined with the high temperature caused failure of the oxidizer fan

(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	
Parameter(s)	
Limit	
Measured value and uncertainty	
Date and time of monitoring	
Measures taken, or intended to be taken, to stop the emission	

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	Process and Energy Manager
Signature	
Date	17 th September 2019

* authorised to sign on behalf of Knauf Insulation Ltd