

# 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_149
Name of operator	Knauf Insulation Ltd		
Location of Facility	Chemistry Lane, Queensferry, Deeside, Flintshire, CH5 2DA		
Time and date of the detection	The day of 19 <sup>th</sup> June 2015 during plant start-up		


<b>(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</b>	
<b>To be notified within 24 hours of detection</b>	
Date and time of the event	19 <sup>th</sup> June 2015 from 12:57 to 13:11
Reference or description of the location of the event	Emergency By-Pass Stack, Emission Point B
Description of where any release into the environment took place	The opening of the Emergency By-Pass Stack for a duration of fourteen minutes
Substances(s) potentially released	Particulate, Carbon Monoxide, Nitrogen Oxide as NO <sub>2</sub> Sulphur Dioxide, Hydrogen Sulphide
Best estimate of the quantity or rate of release of substances	386kg of CO; 2.1kg of SO <sub>2</sub> ; 2.0kg of Particulate; 0.25kg of NO <sub>x</sub> ; 0.06kg of H <sub>2</sub> S
Measures taken, or intended to be taken, to stop any emission	At the time of the release the burner was re-lit and normal operation was restored as quickly as practical. The cause of the problem is to be investigated further.
Description of the failure or accident.	The Emergency By-Pass is a safety device that will operate in the event of specific set point temperatures, pressures or flows being detected by the control instrumentation as being outside their safe limits. During process start up on 19 <sup>th</sup> June, excessive CO in the combustion chamber caused a temperature fluctuation in the combustion chamber which caused the burner to trip, the emergency stack opened for a period of fourteen minutes with the blast air continually fed to the furnace to prevent freezing and avoid a complete re-start. This resulted in a release of unabated substances to atmosphere. The period was minimised by maintaining blast air flow to the furnace and re-lighting the burner as quickly as possible.

<b>(b) Notification requirements for the breach of a limit</b>	
<b>To be notified within 24 hours of detection unless otherwise specified below</b>	
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	
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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	

<b>Name*</b>	C. Hensley
<b>Post</b>	HSE Manager
<b>Signature</b>	
<b>Date</b>	19 <sup>th</sup> June 2015

\* authorised to sign on behalf of Knauf Insulation Ltd