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_223**
Name of operator	**Knauf Insulation Ltd**		
Location of Facility	**Chemistry Lane, Queensferry, Deeside, Flintshire, CH5 2DA**		
Time and date of the detection	**08:00 7th February 2019 (corrected)**		

(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	**From 06:00 7th February 2019. Currently ongoing.**
Reference or description of the location of the event	**CEMS readings for NOx and SO2 incorrect due to false O2 reading from Oxygen probe. False high O2 readings cause an incorrect correction factor to be applied and give high SO2 and NOx readings.** **The uncorrected readings for NO, NO2 and SO2 from the AR600 analyser are all reading in the same ranges before and after the oxygen reading failed (big instantaneous increase in O2 indicated that is not possible from a process perspective). This gives us confidence that emissions are not breaching permitted levels in reality.**
Description of where any release into the environment took place	**No known release above permitted levels from emission point A**
Substances(s) potentially released	**NOx and SOx from Emission point A, Cupola stack after oxidiser**
Best estimate of the quantity or rate of release of substances	**Plant has been operating normally during the affected period. SOx and NOx emissions were at normal levels before 0600**
Measures taken, or intended to be taken, to stop any emission	**Enviro technology have been asked to check the system for other possible causes than moisture affecting the probe reading.** **An end cap on the fitting for calibration gases has been removed by KI personnel, dried out and replaced – as has worked previously. This made the Oxygen reading more stable but still at the wrong level.** **Further investigation is ongoing with KI engineering dept.**
Description of the failure or accident.	**Possible moisture build up affected O2 measurements leading to incorrect correction factors being applied. Possible equipment failure. Work to diagnose and correct the cause continues.**

(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	7th February 2019

* authorised to sign on behalf of Knauf Insulation Ltd