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_225**
Name of operator	**Knauf Insulation Ltd**		
Location of Facility	**Chemistry Lane, Queensferry, Deeside, Flintshire, CH5 2DA**		
Time and date of the detection	**10:00 15th April 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	
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	**Emission point A, Cupola stack after oxidiser**
Parameter(s)	**NOx and CO**
Limit	**NOx daily average limit 300 mg/Nm3** **CO daily average limit 80 mg/Nm3**
Measured value and uncertainty	**NOx daily average measured 429.89 mg/Nm3@8%O2 Dry Gas.** **Uncertainty 10% Not Deleted (Deletion Not Allowed by Permit).** **CO daily average measured 78.73 mg/Nm3@8%O2 Dry Gas.** **Uncertainty 10% Not Deleted (Deletion Not Allowed by Permit).**
Date and time of monitoring	**NOx – 0930-1000 12/4/2019** **CO – 09:30 -10:30, 17:30-18:30 and 21:30-22:00 12/4/2019**
Measures taken, or intended to be taken, to stop the emission	**During start up after a 5 day shutdown there was a report of 30 minute average NOx of 18347 mg/Nm3. This was sufficient to cause the daily average result to exceed permitted levels at 429.89 mg/Nm3.** **On the same start up a high 30 minute average CO reading of 1460.53 mg/Nm3 and further high readings on shutting down and restarting resulted in average CO emission level only just under the permitted daily level at 78.73 mg/Nm3** **Initial examination of processed data indicates that the NOx high reading is entirely accounted for by a very low flow and high O2 condition resulting in very high, false correction factors. Unprocessed source CEMS data will be examined to confirm that it is a false reading** **The peak CO reading at the initial start-up is affected by the same readings as the NOx. Unprocessed source CEMS data will be examined to confirm that this is a false reading. High CO readings for the second start-up look to be the same issue and will be checked too.**

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	15th April 2019

* authorised to sign on behalf of Knauf Insulation Ltd