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_176**
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 7th September 2017**		

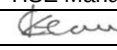
(a) Notification requirements for any malfunction, breakdown or failure of equipment or techniques, accident, or fugitive emission which has caused, is causing or may cause significant pollution	
To be notified within 24 hours of detection	
Date and time of the event	
Reference or description of the 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	**Cupola Furnace Main Stack, Emission Point A**
Parameter(s)	**Carbon Monoxide**
Limit	**Daily Average 80mg/Nm^3@8%O2 Dry Gas**
Measured value and uncertainty	**The Daily Average CO emission was 174.12mg/Nm^3 at 8%O2 Dry Gas. Uncertainty 10% Not Deleted (Deletion Not Allowed by Permit). Full validation of CEMs data to be undertaken.**
Date and time of monitoring	**The day of 6th September 2017**
Measures taken, or intended to be taken, to stop the emission	**During a planned plant start-up, the cupola abatement oxidiser burner tripped due to high temperature and the furnace emissions were re-directed through the Emergency By-Pass stack. This 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. Thus, furnace emissions were re-directed through the emergency stack with the blast air on for a period of approximately 7 minutes.**

	The high temperature resulted in cable failure, which were subsequently replaced prior to re-commencing start-up on the morning of 7th September. However, on the second start-up attempt, the cupola abatement oxidiser burner tripped again due to high temperature and the furnace emissions were re-directed through the Emergency By-Pass stack with blast air on for a period of approximately 7 minutes and then for a second period of approximately 4 minutes. The cupola abatement system went into stop / shutdown mode as a result of a failed burner matrix and the plant remains shutdown. There were no emission breaches associated with the second start-up attempt on the morning of 7th September. **An investigation is underway to identify the root cause of the burner issues on start-up and any subsequent measures needed to be taken to prevent re-occurrence.**

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*	C. Keouski
Post	HSE Manager
Signature	
Date	7th September 2017

* authorised to sign on behalf of Knauf Insulation Ltd