NIRS no. 01179568

CCS no 208331

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_123**
Name of operator	**Knauf Insulation Ltd**		
Location of Facility	**Chemistry Lane, Queensferry, Deeside, Flintshire, CH5 2DA**		
Time and date of the detection	**On the morning of 29th November 2013 checking previous Daily Averages**		

(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	**According to the daily validation of CEMs data by spreadsheet, the Daily Average CO emission was 238mg/Nm^3@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 28th November 2013**
Measures taken, or intended to be taken, to stop the emission	**During the process start-up on the evening of 28th November 2013 (following a planned maintenance shut down period) the cupola abatement oxidiser burner was shut off due to a loss of signal from the burner controller, causing the emergency by-pass stack to open, which remained open for approximately forty minutes, with cold blast still applied to the furnace. The equipment purged itself with fresh air as required for safe operation. Calculation of the likely daily average of CO emission indicated a value of 238mg/Nm^3. The cause of the high pressure in the combustion chamber which caused hot gasses to escape from the burner manifold flange will be fully investigated.**

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. Hensley
Post	Environmental Manager
Signature	C. Hensley
Date	29th November 2013

* authorised to sign on behalf of Knauf Insulation Ltd