

# 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	<b>BR9383ID</b>	Notification Reference	<b>EP_EX_152</b>
Name of operator	<b>Knauf Insulation Ltd</b>		
Location of Facility	<b>Chemistry Lane, Queensferry, Deeside, Flintshire, CH5 2DA</b>		
Time and date of the detection	<b>The day of 14<sup>th</sup> September 2015 following a review of weekend emissions</b>		

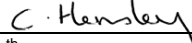
<b>(a) Notification requirements for any malfunction, breakdown or failure of equipment or techniques, accident, or fugitive emission which has caused, is causing or may cause significant pollution</b>	
<b>To be notified within 24 hours of detection</b>	
Date and time of the event	
Reference or description 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>(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	<b>Cupola Furnace Main Stack, Emission Point A</b>
Parameter(s)	<b>Carbon Monoxide</b>
Limit	<b>Daily Average 80mg/Nm<sup>3</sup>@8%O<sub>2</sub> Dry Gas</b>
Measured value and uncertainty	<b>The Daily Average CO emission was 124.94mg/Nm<sup>3</sup>@8%O<sub>2</sub> Dry Gas. Uncertainty 10% Not Deleted (Deletion Not Allowed by Permit). Full validation of CEMs data to be undertaken.</b>
Date and time of monitoring	<b>The day of 11<sup>th</sup> September 2015</b>
Measures taken, or intended to be taken, to stop the emission	<b>A number of measures had been implemented for the September start-up, in order to control the temperature issue experienced during the start-ups in June, July and August, which have been detailed in the Part B Notification relating to EP_EX_149; EP_EX_150; and EP_EX_151. However, on start-up on 10<sup>th</sup> September, whilst the measures taken had improved the CO levels, a temperature rise in the burner chamber was still encountered.</b>

	<p>Therefore, in order to control the temperature rise in the burner chamber, the Control Engineer increased the quench air rate, which was indeed effective in controlling the temperature and no issues were identified during the start-up. Following a review of daily averages on 11<sup>th</sup> September for that day, High thirty minute CO averages were identified as a result of the increased quench air rate. Therefore, the Control Engineer reduced the quench air rate, which resulted in a significant reduction in the thirty minute CO averages for the day. However, upon undertaking a daily average check today, for emissions for the weekend, the detection of the Daily Average CO exceedance on 11<sup>th</sup> September was identified.</p> <p>A further review meeting will be held prior to the October start-up to review the plant start-up procedure and the burner temperature control system.</p>
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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>	14 <sup>th</sup> September 2015

\* authorised to sign on behalf of Knauf Insulation Ltd