


# Schedule 6 - Notification

## Part B - to be submitted as soon as practicable

Permit Number	BR9383ID	Notification Reference	EP_EX_214
Name of operator	Knauf Insulation Ltd		
Location of Facility	Chemistry Lane, Queensferry, Deeside, Flintshire, CH5 2DA		
Time and date of the detection	0830 5 <sup>th</sup> November 2018		

Any more accurate information on the matters for notification under Part A.	<p>Part A notification reported CO daily emission average of 133.39 and 81.58 mg/Nm<sup>3</sup> @8%O<sub>2</sub> Dry Gas respectively on 3<sup>rd</sup> and 4<sup>th</sup> November. The validation process that uses data downloaded from the CEMS computer confirmed that CO ELVs were exceeded on both days and that the daily emission averages were slightly higher at 145.18 and 85.91 mg/Nm<sup>3</sup>. The result from CEMS data was reported as the peak daily average value in November in the 2018 Q4 report. When comparing minute by minute data side by side from the CEMS data record and the data from CEMS processed through OSIPi (used for daily indication to indicate reportable events) there are small differences. These are due to the way Pi processes the data for a one minute average.</p> <p><b><i>For quarterly/annual reporting and for Pollution reporting from stack A the CEMS data is always used.</i></b></p> <p>After repair work on the enetex and fitting a new fan the gas demand at the abatement burner dropped. It was found that when CO from the cupola to the burner was high, lowering gas demand further, control of gas flow and burner temperature became more erratic. To compensate for this the burner set point temperature was increased from 780C to 790C on 5<sup>th</sup> November. This improved burner temperature control and reduced the minimum temperature in the burner maintaining efficient oxidation of CO from the cupola</p>
Measures taken, or intended to be taken, to prevent a recurrence of the incident	Increased burner temperature set point to ensure gas flow remains at a level where control does not become erratic
Measures taken, or intended to be taken, to rectify, limit or prevent any pollution of the environment which has been or may be caused by the emission	None, CO will have dispersed in the atmosphere
The dates of any unauthorised emissions from the facility in the preceding 24 months.	25/04/2017, 23/05/17, 05/07/17, 14-15/08/17, 06/09/17, 14/09/17, 16-20/09/17, 26/09/17, 1-3/10/17, 9-11/10/17, 21/10/17, 23/10/17, 31/10/17, 08/12/17, 29/12/17, 09-11/01/18, 24/01/18, 26/03/18, 30/03/18, 17/04/18, 21/04/18, 26-27/04/18, 16/05/18, 11/7/18, 5/9/18, 7/9/18, 9/9/18, 10/9/18, 16/9/18, 15/10/18, 17/10/18, 19/10/18, 22/10/18

Name*	Graham Jones
Post	Process and Energy Manager
Signature	
Date	25/4/2019

\* authorised to sign on behalf of Knauf Insulation Ltd