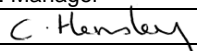


Schedule 6 - Notification

Part B - to be submitted as soon as practicable

Permit Number	BR9383ID	Notification Reference	EP_EX_149 EP_EX_150 EP_EX_151
Name of operator	Knauf Insulation Ltd		
Location of Facility	Chemistry Lane, Queensferry, Deeside, Flintshire, CH5 2DA		
Time and date of the detection	EP_EX_149: Day of 19th June 2015 EP_EX_150: Day of 23rd July 2015 EP_EX_151: Day of 17th August 2015		
Any more accurate information on the matters for notification under Part A.	<p>The start-ups on 19/06/15, 23/07/15 and 17/08/15 resulted in burner trips due to excessive CO in the combustion chamber which caused a temperature fluctuation in the combustion chamber. These start-ups resulted in the opening of the Emergency Stack on each of the occasions in addition to exceedances of the Daily Average CO emission limit for the start-up days in July and August.</p> <p>All information reported on the Part A Notifications (EP_EX_149, EP_EX_150 and EP_EX_151).</p>		

<p>Measures taken, or intended to be taken, to prevent a recurrence of the incident</p>	<p>Following the June start-up:</p> <ul style="list-style-type: none"> Investigation of the start-up was undertaken and the CO levels trended to identify the root cause and appropriate measure(s) that could be taken to prevent a recurrence. In preparation for the July start-up, a reduction was undertaken of the coke content in the fluxing charges by 20% in order to reduce the amount of CO at start-up. <p>Following the July start-up:</p> <ul style="list-style-type: none"> Investigation of the start-up was undertaken and the CO levels trended to identify root cause and appropriate measure(s) that could be taken to prevent a recurrence. It was identified that there had been no measureable difference in CO levels in respect of the action undertaken following the June start-up, however the 20% reduction of the coke content in the fluxing charges was to remain the Queensferry Cupola Start-up and Shut-down Work Instruction was amended accordingly to reflect this change. In addition, in preparation for the August start-up, a reduction of the total coke loading of the cupola, the main emitter of CO, was proposed. Therefore, there was a cupola start-up coke bed reduction of 5%. <p>Following the August start-up:</p> <ul style="list-style-type: none"> Investigation of the start-up was undertaken and the CO levels trended to identify root cause and appropriate measure(s) that could be taken to prevent a recurrence. It was identified that there had been a slight improvement in CO levels during the July start-up. Therefore, in preparation for the August start-up, a further reduction of the coke bed by 2% was undertaken during start-up; reducing the total coke loading of the cupola by a total of 7%. In addition, in preparation for the August start-up, the blast was reduced for start-up.
<p>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</p>	<p>It is believe that no permanent harm will result from the incident.</p>
<p>The dates of any unauthorised emissions from the facility in the preceding 24 months.</p>	<p>25/06/13, 27/09/13,04/11/13, 14/11/13, 20/11/13, 29/11/13,04/12/13, 06/12/13, 20/01/14, 05/02/14, 12/02/14, 13/03/14, 02/04/14, 08/04/14, 21/05/14, 29/06/14, 01/07/14, 04/07/14, 11/07/14, 19/07/14, 20/07/14, 21/07/14, 8-9/10/14, 15/10/14, 11/01/15, 19/03/15, 20/04/15</p>

<p>Name*</p>	<p>C. Hensley</p>
<p>Post</p>	<p>HSE Manager</p>
<p>Signature</p>	
<p>Date</p>	<p>14th September 2015</p>

* authorised to sign on behalf of Knauf Insulation Ltd