


Schedule 6 - Notification

Part B - to be submitted as soon as practicable

Permit Number	BR9383ID	Notification Reference	EP_EX_270 EP_EX_272 EP_EX_274
Name of operator	Knauf Insulation Ltd		
Location of Facility	Chemistry Lane, Queensferry, Deeside, Flintshire, CH5 2DA		
Time and date of the detection	17/05/2021 07:30, 18/5/21 07:30, 10/6/21 07:30		

Any more accurate information on the matters for notification under Part A.	All three notifications were raised for CO emissions from emission point A, cupola after oxidizer.
Measures taken, or intended to be taken, to prevent a recurrence of the incident	Adjustments to the operation of the burner and reduction of coke addition in response to EP_EX_270 were not successful. In response to EP_EX_272 there followed an increase in burner temperature from 800C to 840C, further reduction in coke and adjustment of heating/cooling air supplies to the cupola heat exchanger W10. The latter achieved CO emissions under the daily average ELV. Root cause analysis identified a leak in W10 as one of the possible causes of high CO. Inspection of W10 on 2 nd June found some cracks/holes in some of the heat exchanger tubes. It is planned to seal off the tubes with holes on 6 th July 2021. Longer term engineering action may be required after further inspection to prevent a recurrence. On 8 th and 9 th June there were further exceedances of CO ELV. Action was taken to further reduce the pressure differential between 'clean' and 'dirty' sides of the tubes to minimise leakage into the clean side at that point. The speed of the fan that draws heating/cooling flow through W10 was reduced to have less suction on the clean side. The conditions at W10 will be managed until the holes are sealed
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	
The dates of any unauthorised emissions from the facility in the preceding 24 months.	18/06/19, 04/07/19, 08/07/19, 16/07/19, 06/08/19, 08/08/19, 16/08/19, 07-09/09/19, 16/09/19, 19/09/19, 02/10/19, 03/10/19, 25-27/10/19, 31/10/19, 24/11/19, 25/2/20, 12-14/5/20, 22-26/5/20, 22/6-2/7/20, 8/7/20, 16/8/20, 15/9/20, 6/10/20, 7/10/20, 16/2/21, 22/2/21, 27/2-3/3/21, 9/3/21, 17-28/3/21, 5/4/21, 7-11/4/21, 24-25/4/21, 26/4/21, 12/5/21, 14/5/21, 17/5/21, 22-27/5/21, 8-9/6/21, 11-13/6/21

Name*	Graham Jones
Post	Environment, Energy and Compliance Manager
Signature	
Date	15/06/2021

* authorised to sign on behalf of Knauf Insulation Ltd