


Schedule 6 - Notification

Part B - to be submitted as soon as practicable

Permit Number	BR9383ID	Notification Reference	EP_EX_254
Name of operator	Knauf Insulation Ltd		
Location of Facility	Chemistry Lane, Queensferry, Deeside, Flintshire, CH5 2DA		
Time and date of the detection	9 th November 2020 following notification by the stack emissions monitoring contractor upon receipt of monitoring results from testing carried out on 7 th October 2020		

Any more accurate information on the matters for notification under Part A.	This is the second breach of phenol ELV this year. This failure follows the refurbishment work that, after the first failure, was expected to achieve emissions below the ELV again
Measures taken, or intended to be taken, to prevent a recurrence of the incident	<p>Analysing test results back to the start of 2015 shows emissions well below the ELV until tests in June 2019 that were just over the limit. The next two sets of tests were back well under the limit suggesting those in June 2019 were not representative and not requiring further action.</p> <p>The first failed test in July 2020 was just over the limit again and plans were already in place for ceillcote refurbishment so the plan was to see what effect that had. Following the second failed test in October 2020 the decision was made to examine the long term variability of results as is reported here. We feel that we need to see if the issue continues in Q2 testing before proposing process changes. Extra testing will be considered to assess the effect of any changes that it may be necessary to introduce after that.</p> <p>Chart of all individual test run results below to show run variability before averaging for reporting. Orange Line is ELV.</p> <p>No failures until June 2019. Tests in August and November 2019 both OK, well below the limit.</p> <p>Both sets of tests in 2020 have exceeded the ELV for phenol (10 mg/m3). Run 3 of the last set of tests is an anomaly that may have been due to taking the mat off the drum then putting it back on during the sample period causing short term binder carry through.</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	The need to establish the longer term picture was the next step as discussed at the meeting with NRW on 8 th December 2020

The dates of any unauthorised emissions from the facility in the preceding 24 months.	15/10/18, 16/10/18,17/10/18, 18/10/18, 19/10/18, 22/10/18, 6/11/18, 13/11/18, 02/01/19, 08/01/19, 10/01/19, 07/02/19, 20/02/19, 12/04/19, 19/04/19, 08/05/19, 12/06/19, 13/06/19, 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, 8/7/20,15/8/20, 15/9/20, 6/10/20
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Name*	Graham Jones
Post	Process and Energy Manager
Signature	
Date	18 th February 2021

* authorised to sign on behalf of Knauf Insulation Ltd