

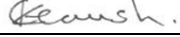
Schedule 6 - Notification

Part B - to be submitted as soon as practicable

Permit Number	BR9383ID	Notification Reference	EP_EX_162
Name of operator	Knauf Insulation Ltd		
Location of Facility	Chemistry Lane, Queensferry, Deeside, Flintshire, CH5 2DA		
Time and date of the detection	2nd August 2016		

Any more accurate information on the matters for notification under Part A.	A referenced on the Part A Notification.
Measures taken, or intended to be taken, to prevent a recurrence of the incident	<p>The BAT documents state that the ELV for HCl in RMW manufacturing may be up to 30mg/m³, however, the ELV for Knauf Queensferry is 10mg/m³, which was set based on historic compliance. Testing in more recent times has shown breaches in HCl from Emission Point A and investigatory works have continued with the Queensferry Plant and Knauf Insulation's mineralogist, for the rock mineral plants, in relation to raw material suppliers and raw material batches used at the Plant.</p> <p>In June 2016, Knauf Queensferry commissioned Amec Foster Wheeler to undertake detailed dispersion modelling to update a previous modelling study with more recent process emissions data from 2015 for the main stack.</p> <p>The assessment used detailed dispersion modelling to predict concentrations and deposition rates at a number of human and ecological receptor locations of the pollutants that are emitted from the main stack.</p> <p>The modelling demonstrated that no exceedances of statutory air quality standards or non-statutory guideline values were predicted to occur at nearby human receptor locations due to emissions from the main stack, based on 2015 monitored levels.</p> <p>In this regard, significant effects on air quality were considered unlikely and the risk to human health considered to be negligible.</p> <p>In October 2016, Knauf Queensferry commissioned Amec Foster Wheeler to assist with its application to vary Environmental Permit number EPR/BR9383ID. This is a normal variation for minor process changes, supported by dispersion modelling.</p> <p>Forward actions have been identified within The Technical Supporting Information Report, relating to the Environmental Permit and associated issues, as part of Knauf Queensferry's continuous improvement procedure.</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>It is believed that no permanent harm will result from the incident. The dispersion modelling concludes that discharges from the main stack, based on recent monitoring levels, are not expected to have significant adverse effects on local air quality.</p>
The dates of any unauthorised emissions from the facility in the preceding 24	16/09/14, 8-9/10/14, 15/10/14, 11/01/15, 19/03/15, 20/04/15, 19/06/15, 23/07/15, 17/08/15, 29/08/15, 11/09/15, 6-7/10/15, 27/10/15, 02/02/16,

months.	23/02/16, 15/06/16, 27/06/16, 28/06/16, 10/07/16, 15/08/16, 16/08/16, 13/09/16.
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Name*	C. Keouski
Post	HSE Manager
Signature	
Date	22 nd December 2016

* authorised to sign on behalf of Knauf Insulation Ltd