

Schedule 6 - Notification

These pages outline the information that the operator must provide.

Units of measurement used in information supplied under Part A and B requirements shall be appropriate to the circumstances of the emission. Where appropriate, a comparison should be made of actual emissions and authorised emission limits.

If any information is considered commercially confidential, it should be separated from non-confidential information, supplied on a separate sheet and accompanied by an application for commercial confidentiality under the provisions of the EP Regulations.

Part A

Permit Number	BR9383ID	Notification Reference	EP_EX_245
Name of operator	Knauf Insulation Ltd		
Location of Facility	Chemistry Lane, Queensferry, Deeside, Flintshire, CH5 2DA		
Time and date of the detection	<p>Morning of 25th November 2019</p> <p>Email sent to NRW Inspector on 27th November to seek clarification as to whether a Part A Notification was required given that it was considered that the oxygen probe failure had not caused; wasn't causing or may have caused significant pollution.</p> <p>Part A Notification submitted following receipt of NRW's response.</p>		

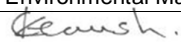
(a) Notification requirements for any malfunction, breakdown or failure of equipment or techniques, accident, or fugitive emission which has caused, is causing or may cause significant pollution	
To be notified within 24 hours of detection	
Date and time of the event	24 th November 2019 at 07:45 hours
Reference or description of the location of the event	The oxygen probe developed an issue, which resulted in an instantaneous increase in oxygen readings from 7.6% to 13%.
Description of where any release into the environment took place	Emission point A Cupola Stack after Oxidiser
Substances(s) potentially released	<p>It is believed that no substances in excess of their ELVs were released given that:</p> <ul style="list-style-type: none"> The raw readings for SO₂ were fine during the period between the instantaneous increase in oxygen readings and the fixed value being added. The corrected results prior to the oxygen probe issue were below the ELV Plant trends indicated that the cupola operation was stable and raw materials distribution was normal. Following the fix to the oxygen probe and the removal of the fixed oxygen value, the corrected results were below the ELV.
Best estimate of the quantity or rate of release of substances	It is believed that no substances in excess of their ELVs were released.
Measures taken, or intended to be taken, to stop any emission	<ul style="list-style-type: none"> On 25th November at 12:30 hours, the CEMs specialist engineer installed a fixed oxygen value of 7.5% based on the average O₂ readings for the month of November prior to the change in trend on 24th November. On 26th November, two CEMs specialist engineers visited site and undertook a detailed inspection of the system - a fault was identified with the cable from the oxygen probe to the oxygen analyser.

	<ul style="list-style-type: none"> The cable was replaced and calibration completed successfully. The fixed oxygen value was removed prior to 12:15 hours on 26th November.
Description of the failure or accident.	The oxygen probe developed an issue, which resulted in an instantaneous increase in oxygen readings from 7.6% to 13%. As a result of the inaccurate oxygen reading increase, the SO2 values were not being correctly to the specific reference conditions in accordance with the environmental permit, which subsequently resulted in CEMs dated recorded SO2 values in excess of the ELV.

(b) Notification requirements for the breach of a limit	
To be notified within 24 hours of detection unless otherwise specified below	
Emission point reference/ source	
Parameter(s)	
Limit	
Measured value and uncertainty	
Date and time of monitoring	
Measures taken, or intended to be taken, to stop the emission	

Time periods for notification following detection of a breach of a limit	
Parameter	Notification period

(c) Notification requirements for the detection of any significant adverse environmental effect	
To be notified within 24 hours of detection	
Description of where the effect on the environment was detected	
Substances(s) detected	
Concentrations of substances detected	
Date of monitoring/sampling	

Name*	C. Keouski
Post	Environmental Manager
Signature	
Date	3 rd December 2019

* authorised to sign on behalf of Knauf Insulation Ltd