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_ 274**
Name of operator	**Knauf Insulation Ltd**		
Location of Facility	**Chemistry Lane, Queensferry, Deeside, Flintshire, CH5 2DA**		
Time and date of the detection	**10th June 2021 07:30**		

(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	
Reference or description of the location of the event	
Description of where any release into the environment took place	
Substances(s) potentially released	
Best estimate of the quantity or rate of release of substances	
Measures taken, or intended to be taken, to stop any emission	
Description of the failure or accident.	

(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	**Emission point A, cupola after oxidizer**
Parameter(s)	**CO daily average**
Limit	**80 mg/Nm3 daily average at reference conditions**
Measured value and uncertainty	**Daily average of CEMS measurements:** **8th June 81.21 mg/Nm3** **9th June 139.64mg/Nm3**
Date and time of monitoring	**8th and 9th May 2021**
Measures taken, or intended to be taken, to stop the emission	**Two part A notifications relating to high CO were raised on 12th May and 18th May, EP_EX_270 and EP_EX_272 refer. While the corrective actions enabled running below the ELV for CO, the average level of CO had increased. This led us to suspect leakage from the fume side to the clean side of the multiple heat exchanger system. The enetex abatement system has been running with reduced suction pressure on the 'clean' side of heat exchanger W10 to limit the amount of fume drawn from the dirty side through suspected leaks in the exchanger(s) successfully controlling CO levels below the daily average ELV. The presence of cracks in some of the exchanger tubes in W10 heat exchanger that heats fume from the cupola were visually confirmed during unplanned downtime on 2nd June 2021. We are in the process of planning repairs to take place during the next planned outage on 6th July. This may be earlier if resources are available to effect the repairs. We are currently taking further steps to minimise the pressure differential between clean side and fume side to minimise fume leakage to the clean side. Several possible steps have been identified, the first of these was to reduce the pressure in the incinerator burner chamber (and the equipment leading up to that point). This has been implemented today.**

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*	Graham Jones
Post	Energy, Environment and Compliance Manager
Signature	

	
Date	10/06/2021

* authorised to sign on behalf of Knauf Insulation Ltd