

PERMIT NUMBER JP3632ZH
DOW SILICONES UK LTD
SCHEDULE 5 INCIDENT NOTIFICATION

To:	Process Industry Inspector
FAO: Mr Geraint Thomas	Natural Resources Wales Rivers House St Mellons Business Park Fortran Road St Mellons Cardiff CF3 0EY
Phone	03000 65 3000
Email	icc@cyfoethnaturiolcymru.gov.uk
From:	
Name Of Operator	Dow Silicones UK Ltd
Location of Process:	Cardiff Road, Barry, Vale of Glamorgan
FAX No:	
Telephone No:	+44 1446 723960
Email	
Date Information Provided:	26 th April 2022

Part A

Permit Number	EPR/JP3632ZH
Name of Operator	Dow Silicones UK Ltd
Location of Facility	Barry, South Glamorgan, Wales
Time and Date of Detection	4 th March 2022 to 3 rd April 2022

a) Notification requirements for any activity that gives rise to an incident or accident which significantly affects or may significantly affect the environment	
To be notified immediately	
Date and time of event	
Reference or description of the location of the event	
Description of where any release into the environment took place	
Substance(s) potentially released	
Best estimate of quantities or rate of release	
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 permit condition	
To be notified immediately	
Emission point reference source	A1
Parameter(s)	NOx
Limit	Monthly mean 75 mg/m³ Daily mean 82.5 mg/m³
Measured value and uncertainty	March 2022 Monthly mean = 113.11mg/m³ March 2022 Max daily mean = 118.57 mg/m³
Date and time of monitoring	Monthly/daily measured averages – calculated using CEMS (Continuous Emission Monitoring Systems)
Measures taken, or intended to be taken, to stop the emission	Following a period of extended shutdown for essential statutory inspection and repair work, Unit A was restarted on 4th March. Initial running identified unexpectedly high NOx results. The unit was run for short periods of time to allow troubleshooting and investigation. The unit was shutdown on 3rd April awaiting parts and support from the vendor. An investigation is still ongoing which will fully identify the cause of the higher NOx. The high results were recorded during the troubleshooting and investigation periods.

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

c) In the event of a breach of permit condition which poses an immediate danger to human health or threatens to cause an immediate significant adverse effect on the environment:	
To be notified immediately	
Description of where the effect on the environment was detected	
Substance(s) detected	
Concentrations of substances detected	
Date of monitoring/sampling	

Part B- to be submitted as soon as practicable

Any more information on the matters for notification under Part A	
Measure taken, or intended to be taken, to prevent a recurrence of the incident	
Measure 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.	

Name	
Post	Environmental Specialist
Signature	
Date	26 th April 2022