

**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:	28 th July 2025

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	31 st May 2025

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	A2
Parameter(s)	CO
Limit	A2 CO Max daily mean 110 mg/m ³
Measured value and uncertainty	A2 CO Max daily mean 274.4 mg/m ³
Date and time of monitoring	Monthly/daily measured averages – calculated using CEMS (Continuous Emission Monitoring Systems) A2 CO Max daily mean – 31 st May 2025
Measures taken, or intended to be taken, to stop the emission	Unit FB (A2) - the unit had been running steadily for 18 hours at a consistent rate. At 4am on 31 st May the air flow started to fluctuate and caused the CO to increase. The operators investigated the fluctuating air flow to try to bring the elevating CO into control. They were not successful so made the decision to stop the unit, which decreased the CO immediately.

	The unit ran above the ELV for 2 hours, but as the unit was only operational for 7 of the 24 hours, the max daily mean was exceeded. This will be investigated and the findings reported in Part B.
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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	28 th July 2025