

Schedule 5 - 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	EPR/NP3030BJ
Name of Operator	EnerSys Ltd
Location of facility	Stephenson Street
Time and date of the detection	20/06/23 16:29

(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 the event	01/06/2023 10:01-11:01
Reference or description of the location of the event	Emission point A2 - oxide mill 2
Description of where any release into the environment took place	From emission point A2
Substance(s) potentially released	Lead (Pb)
Best estimate of the quantity or rate of release of substances	Test result – 1.10mg/Nm3 , ELV 1.00mg/Nm3, average volumetric flow reference conditions 2984.6 m3/hr
Measures taken, or intended to be taken, to stop any emission	Process feeding A2 has been stopped, full investigation to be carried out – including inspection of filter systems on A2. Once inspection of A2 has been completed and any required remedial work carried out A2 will be retested.
Description of the failure or accident	Upon receiving monthly emission testing results, the reading for A2 was above the emission limit value

(b) Notification requirements for the breach of a permit condition

To be notified immediately	
Emission point reference/source	A2
Parameter(s)	Lead (Pb)
Limit	1.00 mg/m3
Measured value and uncertainty	1.10 mg/m3, uncertainty +/-0.3
Date and time of monitoring	01/06/2023 10:01-11:01
Measures taken, or intended to be taken, to stop the emission	Upon receiving the results from the monthly emissions test the process feeding A2 was stopped, a full investigation will be carried out – including inspection of filter systems on A2. Once inspection of A2 has been completed and any required remedial work carried out A2 will be retested.

Time periods for notification following detection of a breach of a limit	
Parameter	Notification period
Lead (Pb) 1.00 mg/m3	24 hours

(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	A2 emission point
Substance(s) detected	Lead (Pb)
Concentrations of substances detected	1.10 mg/m3
Date of monitoring/sampling	01/06/2023

Part B – to be submitted as soon as practicable

Any more accurate information on the matters for notification under Part A.	
Measures taken, or intended to be taken, to prevent a recurrence of the incident	Maintenance inspected the extraction unit feeding into A2. Upon initial visual inspection of the absolute filters these appeared to be in good condition. The filters were removed for further investigation. Upon removal of the filters residue could be seen on the chamber floor behind the filters. The clean side of the filter was then visually inspected as that side could not be seen until the filter was removed. A very light coating of oxide could be seen spread evenly over the clean side of the filter. There were no signs of a hole in the filter. As there were no holes in the filters it is believed that the oxide must have come through the seals of the filter. This would not have been evident in the visual checks of the filters that are carried out on a quarterly basis. To try and prevent a reoccurrence of this incident Enersys are looking to put in place a PM to carry out fluorescent dye inspections on the filters on a 6 monthly basis which would help highlight any oxide which may be passing through the seals. As part of the investigation the current PM programme was looked at. The current PMs which were looked at for this incident were - The daily recording of DP readings. These were found to have been taken every time the mill was operational. Any readings which are outside of the parameters set are to be escalated. There were some readings which

	were found to be outside the parameters, (a reading recorded of up to 10 mmH₂O above the maximum limit). An action has been put in place to retrain operators in the procedure for recording and escalating required information and for the EHS department to review these readings on a weekly basis. Quarterly visual inspections of the filter units are undertaken. Area which are inspected include - checking door seals, opening doors to check filter bags for damage, checking ducting, checking stack test pots for contamination and checking absolute filters. As this is a visual inspection an action has been put in place to take photographs of these inspections so that they can be reviewed in the future.
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	In addition to the actions in the section above. Mill 2 has been locked off and will remain off, (with exception for testing purposes), until a test result has been received which is below the ELV. A2 was tested 04/07/2023, awaiting results of this test.
The dates of any unauthorised emissions from the facility in the preceding 24 months.	15/10/2021 – Fugitive Emissions 11/05/2022 – Fire on A12 emission point 20/07/2022 – high Pb reading on W1 emission point 07/09/2022 - high Pb reading on W1 emission point

Name*	Kate Davies
Post	EHS Advisor
Signature	K.E.Davies
Date	07/07/23

* authorised to sign on behalf of Enersys Newport Ltd