

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	TP3639BH
Name of operator	CELSA Manufacturing (UK) Ltd
Location of Facility	Seawall Road, Tremorfa, Cardiff CF24 5TH
Time and date of the detection	17/11/2021

(a) Notification requirements for any malfunction, breakdown or failure of equipment or techniques, accident, or emission of a substance not controlled by an emission limit which has caused, is causing or may cause significant pollution

To be notified within 24 hours of detection

Date and time of the event	16/11/2021 – 17/11/2021
Reference or description of the location of the event	A1 stack located at Tremorfa site
Description of where any release into the environment took place	A1 stack - emissions to air
Substances(s) potentially released	PM ₁₀ , PM _{2.5}
Best estimate of the quantity or rate of release of substances	Per above, an average of 5.1 mg/m ³ and 5.09mg/m ³ over two consecutive 24-hour periods.
Measures taken, or intended to be taken, to stop any emission /	No corrective action taken during time of incident as team were not aware of the breach.
Description of the failure or accident.	The A1 stack during a 24-hour period which exceeded permitted limit of 5 mg/m ³ – daily average of 5.1 mg/m ³ recorded on 16/11/2021 and 5.09mg/m ³ on 17/11/2021.

(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	A1 [Point A1 on Site Plan in Schedule 7 of EPR/TP3639BH] – Furnace fume extraction plant stack
Parameter(s)	Particulates
Limit	5 mg/m³
Measured value and uncertainty	5.1 mg/m³ and 5.09mg/m³, based on 60 minute discrete averages
Date and Time of Monitoring	Start Date 16/11/2021, 00:00, End Date 17/11/2021, 23:59
Measures taken, or intended to be taken, to stop the emission	Once the breach was detected, the area operational team inspected the accessible parts of the plant and were unable to detect any abnormalities. A planned shutdown of the plant was arranged at the earliest opportunity to enter the bag filter house to identify potential cause. Investigation remains ongoing.

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	

Part B - to be submitted as soon as practicable

Any more accurate information on the matters for notification under Part A.	No further information to provide on the matters for notification under Part A.
Measures taken, or intended to be taken, to prevent a recurrence of the incident	An investigation has taken place into the possible root causes. During this investigation, we have been able to inspect externally and then subsequently internally the bag filter house, during the internal inspection a possible root cause was identified with the internal structure. We are undertaking internal repairs to address the issue until we can complete a full survey and repairs.
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	N/A
The dates of any unauthorised emissions from the facility in the preceding 24 months.	<u>2019</u> DEC - 4TH, 5TH 6TH, 7TH, 8TH , 9TH , 12TH , 13TH , 14TH, 15TH , 16TH , 17TH , 18TH, 19TH , 20TH , 21ST , 22ND , 23RD , 24TH , 27TH , 28TH , 29TH , 30TH, 31ST <u>2020</u> JAN 6TH , 7TH, 8TH , 9TH , 13TH , 15TH , 16TH, 19TH , 20TH , 21ST , 22, 23, 24, 25TH , 26TH , 27TH, 28TH , 29TH , 30TH, 31ST FEB 2020 1ST , 2ND , 3RD, 4TH , 5TH, 6TH , 7TH, 8TH, 9TH, 14TH , MAY – 5TH AUG 3RD <u>2021</u> AUG 2ND, 4TH OCT 2ND

Name*	Hannah Powell
Post	Environmental Dept.
Signature	
Date	24/11/2021

* authorised to sign on behalf of CELSA Manufacturing UK Limited