

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	06/12/2021

(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	
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	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	5.76 mg/m³, based on 60 minute discrete averages
Date and Time of Monitoring	Start Date 05/12/2021, 00:00, End Date 05/12/2021, 23:59
Measures taken, or intended to be taken, to stop the emission	An extra team of contractors was engaged in order to increase the pace at which filter bags in the de-dusting plant are being checked & replaced, beginning on the day of the breach Sunday 05/12/21 and to continue until at least Friday 10/12/21.

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.	CEMS data shows higher than average peaks of emissions over the course of the day with one short-duration spike at approximately 18:15.
Measures taken, or intended to be taken, to prevent a recurrence of the incident	Following the incident, inspections were carried out and the operational team continued to work through the known issue of replacing a number of partly failed bag filters. A significant number of bag filters have been replaced following the particulate breaches on the 1st, 5th and 10th of December 2021. Additionally the center floor seam in the clean side plenum has been fully welded to prevent any potential particulate emission release. The environment department are monitoring daily data and regularly reviewing trends with Melt Shop management.
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 - 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 NOV 16TH, 17TH DEC 1ST

Name*	Hannah Powell
Post	Environment Manager
Signature	
Date	06/01/2022

* authorised to sign on behalf of CELSA Manufacturing UK Limited