

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	10 th December 2020

(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	10/12/2020
Reference or description of the location of the event	Residents photographed dust emissions from roof of melt shop moving towards city centre
Description of where any release into the environment took place	Fugitive emissions of particulate matter from melt shop roof into ambient air.
Substances(s) potentially released	PM ₁₀ , PM _{2.5}
Best estimate of the quantity or rate of release of substances	To follow upon Part B submission.
Measures taken, or intended to be taken, to stop any emission	Procedure in place indicating all equipment to be checked prior to furnace being re-started.
Description of the failure or accident.	As furnace was restarted, a booster fan was not online resulting in the escape of particulate matter from melt shop roof. Within 20 minutes of restarting, the relevant managers in the melt shop had been notified, and the equipment turned on. After being turned on, fugitive emissions from the roof ceased. Failure resulted from pre-restart equipment checks not being carried out fully.

(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	Melt shop roof on Tremorfa site
Parameter(s)	
Limit	There should be zero fugitive emissions from roof of melt shop should dust plant and equipment be in functional, working order.
Measured value and uncertainty	n/a
Date and Time of Monitoring	Fugitive particulate emissions not permitted in environmental permit. Date of incident: 10/12/2020
Measures taken, or intended to be taken, to stop the emission	Within minutes of emission occurring, contact was made with engineering manager in melt shop, who rectified the issue within 20 minutes. A booster fan had failed to turn on as the furnace was brought back online. In future, changes will be made to guidance documents ensuring that they are fully circulated to all relevant employees, and that care is made to check all equipment as per procedure requirements before furnace re-starts.

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.	
Measures taken, or intended to be taken, to prevent a recurrence of the incident	
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	
The dates of any unauthorised emissions from the facility in the preceding 24 months.	

Name	Hannah Mayled
Post	Environmental Graduate
Signature	
Date	16/12/2020

* authorised to sign on behalf of CELSA Manufacturing UK Limited