

## 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	<b>TP3639BH</b>
Name of operator	<b>CELSA Manufacturing (UK) Ltd</b>
Location of Facility	<b>Seawall Road, Tremorfa, Cardiff CF24 5TH</b>
Time and date of the detection	<b>10<sup>th</sup> December 2020</b>


<b>(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</b>	
<b>To be notified within 24 hours of detection</b>	
Date and time of the event	<b>10/12/2020</b>
Reference or description of the location of the event	<b>Residents photographed dust emissions from roof of melt shop moving towards city centre</b>
Description of where any release into the environment took place	<b>Fugitive emissions of particulate matter from melt shop roof into ambient air.</b>
Substances(s) potentially released	<b>PM<sub>10</sub>, PM<sub>2.5</sub></b>
Best estimate of the quantity or rate of release of substances	<b>To follow upon Part B submission.</b>
Measures taken, or intended to be taken, to stop any emission	<b>Procedure in place indicating all equipment to be checked prior to furnace being re-started.</b>
Description of the failure or accident.	<b>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>

<b>(b) Notification requirements for the breach of a limit</b>	
<b>To be notified within 24 hours of detection unless otherwise specified below</b>	
Emission point reference/ source	<b>Melt shop roof on Tremorfa site</b>
Parameter(s)	
Limit	<b>There should be zero fugitive emissions from roof of melt shop should dust plant and equipment be in functional, working order.</b>
Measured value and uncertainty	<b>n/a</b>
Date and Time of Monitoring	<b>Fugitive particulate emissions not permitted in environmental permit. Date of incident: 10/12/2020</b>
Measures taken, or intended to be taken, to stop the emission	<b>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.</b>

<b>Time periods for notification following detection of a breach of a limit</b>	
<b>Parameter</b>	<b>Notification period</b>
<b>(c) Notification requirements for the detection of any significant adverse environmental effect</b>	
<b>To be notified within 24 hours of detection</b>	
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

<p>Any more accurate information on the matters for notification under Part A.</p>	<p>The HMI displayed that the booster fan damper was open, when it was actually closed. This then slowed the flow of off gas to the point we had some emissions from the duct area. Once we physically opened the damper the problem stopped.</p>
<p>Measures taken, or intended to be taken, to prevent a recurrence of the incident</p>	<p>A cable fault produced a bad signal indicating that the damper was open when it was closed.</p> <p>We plan to review and renew the junction boxes in that area as they are affected by the dust and humidity, and we will introduce a regular preventive operation to review the status of those cables in both booster fans.</p>
<p>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</p>	<p>N/A – emission was directly to air.</p>
<p>The dates of any unauthorised emissions from the facility in the preceding 24 months.</p>	<p>2019: 3 JAN, 4 JAN, 5 JAN, 6 JAN, 7 JAN, 8 JAN, 9 JAN, 11 JAN, 12 JAN, 13 JAN, 14 JAN, 15 JAN, 16 JAN, 17 JAN, 18 JAN 19 JAN, 20 JAN, 21 JAN, 22 JAN, 23 JAN, 24 JAN, 25 JAN, 26 JAN, 27 JAN, 28 JAN, 29 JAN, 30TH JAN, 1ST FEB, 2ND FEB, 5TH FEB, 6TH FEB, 7TH FEB, 9TH FEB, 10TH, 11TH, 12TH, 13TH FEB, 14TH FEB, 15TH FEB, 16TH FEB, 18TH FEB, 19TH FEB, 20TH FEB, 21ST FEB, 22ND FEB, 23RD FEB, 24TH FEB, 25TH FEB, 26TH FEB, 27TH, 28TH, 1ST MARCH, 2ND, 3RD, 5TH, 6TH, 7TH, 8TH, 9TH, 10TH, 11TH, 12TH, 13TH, 14TH, 15TH, 16TH, 18TH, 19TH, 24TH, 25TH, 26TH, 27TH, 29TH, 30TH, 31ST, 1ST APRIL, 2ND, 3RD, 4TH, 5TH, 6TH, 7TH, 8TH, 9TH, 10TH, 11TH, 12TH, 13TH, 15TH, 16TH, 18TH, 19TH, 20TH, 21ST, 22ND, 23RD, 24TH, 25TH, 26TH, 27TH, 28TH, 29TH, 30TH, 1ST MAY, 2ND, 3RD, 4TH, 5TH, 6TH, 7TH, 23RD, 24TH, 25TH, 3RD JUNE, 4TH, 5TH, 6TH, 7TH, 8TH, 9TH, 10TH, 11TH, 12TH, 13TH, 14TH, 15TH, 16TH, 17TH, 19TH, 20TH, 22ND, 23RD, 24TH, 25TH, 26TH, 27TH, 28TH, 2ND JULY, 3RD JULY, 4TH, 8TH, 9TH, 10TH, 13TH, 14TH, 15TH, 16TH, 17TH, 18TH 21ST, 22RD, 23RD, 24TH, 25TH, 27TH, 28TH, 29TH, 30TH, 31ST, AUGUST 1ST, 2ND, 3RD, 4TH, 5TH, 6TH, 7TH, 8TH, 9TH, 11TH, 12TH, 13TH, 14TH, 15TH, 16TH, 17TH, 18TH, 19TH, 20TH, 21ST, 24TH, 25TH, 26TH, 27TH, 28TH, 29TH, 30TH, 31ST SEPT 1ST, 2ND, 3RD, 4TH, 6TH, 7TH, 8TH, 9TH, 10TH, 11TH, 12TH, 13TH, 14TH, 15TH, 16TH, 17TH, 18TH, 19TH, 20TH, 21ST, 22ND, 23RD, 24TH, 25TH, 26TH, 27TH, 28TH, 29TH, 30TH, OCT 1ST, 2ND, 3RD, 4TH, 5TH, 6TH, 7TH, 8TH, 9TH, 10TH, 11TH, 12TH, 13TH, 14TH, 15TH, 16TH, 17TH, 18TH, 19TH, 20TH, 21ST, 22ND, 23RD, 24TH, 27TH, 28TH, 29TH, 30TH, 31ST 2020 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, 5TH MAY 2020, 3RD AUG 2020</p>

<b>Name</b>	Hannah Mayled
<b>Post</b>	Environmental Graduate
<b>Signature</b>	
<b>Date</b>	17/12/2020

\* authorised to sign on behalf of CELSA Manufacturing UK Limited