

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	11/11/2022

(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.	
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(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 Stack (Point A1 on Site Plan in Schedule 7 of EPR/TP3639BH)																																																																				
Parameter(s)	Particulates																																																																				
Limit	5mg/m³ Spot Sample																																																																				
Measured value and uncertainty	5.25mg/m³ ± 8% uncertainty <table border="1"> <caption>Daily CEMS report for Melt Shop, for 05/10/2022</caption> <thead> <tr> <th>Period</th><th>A1 Dust</th></tr> <tr> <th>Ending</th><th>mg/m<SUP>3</SUP></th></tr> </thead> <tbody> <tr><td>00:59</td><td>2.42</td></tr> <tr><td>01:59</td><td>3.01</td></tr> <tr><td>02:59</td><td>3.02</td></tr> <tr><td>03:59</td><td>4.06</td></tr> <tr><td>04:59</td><td>3.35</td></tr> <tr><td>05:59</td><td>3.59</td></tr> <tr><td>06:59</td><td>3.37</td></tr> <tr><td>07:59</td><td>3.81</td></tr> <tr><td>08:59</td><td>2.49</td></tr> <tr><td>09:59</td><td>3.61</td></tr> <tr><td>10:59</td><td>3.79</td></tr> <tr><td>11:59</td><td>4.3</td></tr> <tr><td>12:59</td><td>4.36</td></tr> <tr><td>13:59</td><td>4.6</td></tr> <tr><td>14:59</td><td>4.15</td></tr> <tr><td>15:59</td><td>3.81</td></tr> <tr><td>16:59</td><td>3.55</td></tr> <tr><td>17:59</td><td>3.94</td></tr> <tr><td>18:59</td><td>4.06</td></tr> <tr><td>19:59</td><td>2.44</td></tr> <tr><td>20:59</td><td>4.43</td></tr> <tr><td>21:59</td><td>4.37</td></tr> <tr><td>22:59</td><td>4.76</td></tr> <tr><td>23:59</td><td>5.12</td></tr> <tr><td>Daily ELV</td><td>10</td></tr> <tr><td>Average</td><td>3.77</td></tr> <tr><td>Max.</td><td>5.12</td></tr> <tr><td>Min.</td><td>2.42</td></tr> <tr><td>16 min ELV</td><td>10</td></tr> <tr><td>>ELV</td><td>0</td></tr> <tr><td>Avail %</td><td>100</td></tr> <tr><td>Invalid</td><td>0</td></tr> </tbody> </table>	Period	A1 Dust	Ending	mg/m³	00:59	2.42	01:59	3.01	02:59	3.02	03:59	4.06	04:59	3.35	05:59	3.59	06:59	3.37	07:59	3.81	08:59	2.49	09:59	3.61	10:59	3.79	11:59	4.3	12:59	4.36	13:59	4.6	14:59	4.15	15:59	3.81	16:59	3.55	17:59	3.94	18:59	4.06	19:59	2.44	20:59	4.43	21:59	4.37	22:59	4.76	23:59	5.12	Daily ELV	10	Average	3.77	Max.	5.12	Min.	2.42	16 min ELV	10	>ELV	0	Avail %	100	Invalid	0
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Date and Time of Monitoring	Start Date 05/10/2022, 12:56 – 14:05																																																																				
Measures taken, or intended to be taken, to stop the emission	Due to testing methodology, CELSA was notified on 09/11/2022 of the breach. Investigation to be initiated into the breach date.																																																																				

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.	Investigation carried out on the breach day, through reviewing CEMS data for the breach day – during the time of the spot sample monitoring the CEMS monitor showed no breach on the rolling hourly average. CEMS data for the average of the day also showed no breach or since this day. Routine maintenance has been undertaken on the bag filter on multiple occasions since this breach with no notable issues identified. The meltshop CEMS had it latest monthly service on the 20/10/22. No faults were reported with the system during this service.
Measures taken, or intended to be taken, to prevent a recurrence of the incident	Contacted sampling specialist who have confirmed the accuracy of the reading is correct within the tolerance of the measurement system.
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>2021</u> Nov –16th, 17th Dec - 1st, 5th 10th, 15th <u>2022</u> Jan – 23rd Mar – 7th, 9th
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Name*	[REDACTED]
Post	Environment Manager
Signature	[REDACTED]
Date	11/11/2022

* authorised to sign on behalf of CELSA Manufacturing UK Limited