

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	01/12/2018

(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	01/12/2018
Reference or description of the location of the event	CEMS probe located in the main stack1 (instrument type FGA 930E)
Description of where any release into the environment took place	Through stack directly into the atmosphere
Substances(s) potentially released	CO
Best estimate of the quantity or rate of release of substances	Unsure as to specific quantities due to the varying levels experienced on a daily basis.
Measures taken, or intended to be taken, to stop any emission	Ensure minimal delays in production, reduction in power outages as well as trimming process. Awaiting arrival of external CEMS technician.
Description of the failure or accident.	Failure unknown – awaiting arrival of CEMS technician

(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
Parameter(s)	CO
Limit	CO = 100 mg/m³
Measured value and uncertainty	
Date and Time of Monitoring	
Measures taken, or intended to be taken, to stop the emission	

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 stopped working on 01.12.2018 between 10.59 and 11.59. The instrument was fixed and back on measuring CO on the 12.12.18 at 15.59. The cause of failure was due to calibration gas issues along with a failure in the blue channel sample pump and the red channel sensor. These issues have now been rectified. The delay in getting the external contractor (technician) on site was due to ongoing issues with payment. In addition, the technician could not have purchased parts for the system until they had arrived on site to diagnose the issues. This further contributed to delays in repairs.
Measures taken, or intended to be taken, to prevent a recurrence of the incident	Suggestions made and implemented 1. Obtain replacement calibration gas cylinder 2. Replace twin gas pump assembly 3. Replace oxygen sensor and calibrate 4. The micro-processor card also needs replacing to prevent data corruption on loss and restart of mains power. In addition, issues with payment to external contractor have now been amended so no future delays (getting technician on site) will occur.
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	See above
The dates of any unauthorised emissions from the facility in the preceding 24 months.	IF MONITORING EQUIPMENT IS NOT WORKING WE CANT SAY THAT WE WERE BREACHING LIMITS – SO TO OUR KNOWLEDE THERE WERE NO UNAUTHORISED EMISSIONS DURING THIS TIME PERIOD.

Name*	Gabriella Nizam
Post	Environmental Advisor
Signature	
Date	21/12/2018

* authorised to sign on behalf of CELSA Manufacturing UK Limited