

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	03/08/2020

(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	04/08/2020
Reference or description of the location of the event	Stack A1
Description of where any release into the environment took place	Through the stack directly into the atmosphere
Substances(s) potentially released	Particulates
Best estimate of the quantity or rate of release of substances	Unsure as to specific quantities. Total daily average of particulates was 6.44 mg/m3
Measures taken, or intended to be taken, to stop any emission	We are currently investigating the cause of breach.
Description of the failure or accident.	Breach in particulate limit.

(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)	Particulate
Limit	5 mg/m3
Measured value and uncertainty	Daily average 6.44 mg/m3
Date and Time of Monitoring	4th August 2020
Measures taken, or intended to be taken, to stop the emission	Investigation ongoing to understand cause of breach, immediate inspection of DED plant, specifically filter bags by engineers and contractors.

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.	An internal investigation was held, the cause of failure on the 3 rd of August was due to a number of filter bags failing in the dedusting plant, which lead to electric arc furnace dust being emitted directly out through the stack. Up to 100 filter bags had significant damage, with a large number of holes found in each bag upon inspection. The damage occurred over the weekend (1 st /2 nd of August) however, due to a reduction in shift, the operators manning the DED plant were not on site and the burn out of bags was not picked up until Monday the 3 rd . To prevent a reoccurrence of such events, increased inspection of bags are taking place, the CEMS instrument will have an alarm system retrofitted to enable warnings to be sent to contractors and engineers that particulate levels are increasing within the plant. In addition, the temperature of the furnace will be closely monitored to prevent high temperatures from causing damage to DED plant.
Measures taken, or intended to be taken, to prevent a recurrence of the incident	See above
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.	2018, 30 JAN, 31 JAN, 01 FEB, 02 FEB, 03 FEB, 04 FEB, 05 FEB, 06 FEB, 07 FEB, 08 FEB, 09 FEB, 10 FEB, 11 FEB, 12 FEB, 13 FEB, 14 FEB, 15 FEB, 16 FEB, 17 FEB, 18 FEB, 19 FEB, 20 FEB, 21 FEB, 22FEB, 23 FEB, 24 FEB, 25 FEB, 26 FEB, 27 FEB, 28 FEB, 05 MAR, 06 MAR, 07 MAR,08 MAR, 09 MAR, 10 MAR, 11 MAR, 12 MAR, 13 MAR, 14 MAR, 15 MAR, 16 MAR, 17 MAR, 18 MAR, 19 MAR, 20 MAR, 21 MAR, 26 MAR, 27 MAR, 28 MAR, 29 MAR, 30 MAR, 31 MAR, 01 APR, 02 APR, 03 APR, 04 APR, 05 APR, 06 APR, 07 APR, 08 APR, 09 APR, 10 APR, 11 APR, 12 APR, 13 APR, 14 APR, 15 APR, 16 APR, 17 APR, 18 APR, 19 APR, 20 APR, 25 APR, 26 APR, 28 APR, 29 APR, 30 APR, 01 MAY, 02 MAY, 03 MAY, 04 MAY, 05 MAY, 23 MAY, 24 MAY, 25 MAY, 28 MAY, 31 MAY, 1 JUNE, 3 JUNE, 4 JUNE, 5 JUNE, 9 JUNE, 10 JUNE, 11 JUNE, 12 JUNE, 15 JUNE, 19 JUNE , 20JUNE, 26 JUNE, 27 JUNE, 11 JUL, 12 JUL, 25 JUL, 31 JUL, 2 AUG, 4 AUG, 8 AUG, 10AUG, 12 AUG, 13 AUG, 14 AUG, 15 AUG, 22 AUG, 24 AUG, 25 AUG, 26 AUG, 27 AUG,29 AUG, 30 AUG, 31 AUG, 2 SEPT, 3 SEPT, 4 SEPT, 5 SEPT, 6 SEPT, 11 SEPT, 18SEPT, 19 SEPT, 20 SEPT, 21 SEPT, 27 SEPT, 1 OCT, 2 OCT, 3 OCT, 4 OCT, 5 OCT, 6 OCT, 7 OCT, 8 OCT, 9 OCT, 10 OCT, 24 OCT, 26 OCT, 29 OCT, 30 OCT, 31 OCT, 3 NOV, 4NOV, 5 NOV, 6 NOV, 7 NOV, 24 NOV, 30 NOV, 12 DEC, 13 DEC, 14 DEC, 16 DEC, 18 DEC, 19 DEC, 20 DEC, 21 DEC, 24 DEC, 27 DEC, 28 DEC, 29 DEC, 30 DEC, 31 DEC, 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, 6TH FEB, 7TH FEB, 9TH FEB, 10TH, 11TH, 12TH, 13TH FEB, 14TH FEB, 15TH FEB, 16TH FEB, 18TH FEB, 19THFEB, 20TH FEB, 21ST FEB, 22ND FEB, 23RD FEB, 24TH FEB, 25THFEB, 26TH , 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 , 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

Name	Gabriella Nizam
Post	Environmental Advisor
Signature	
Date	26/08/2020

* authorised to sign on behalf of CELSA Manufacturing UK Limited