

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	13/04/2016, 06.59-07.59, 08.59-09.59, 10.59-11.59, 12.59-13.59, 20.59-21.59, 21.59-22.59.

(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.	

(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 (hourly)
Measured value and uncertainty	13/04/2016, 06.59-07.59, Max Hourly Av.= 160.2 mg/m³, Max 95%ile Av.= 155.07 mg/m³, 08.59-09.59, Max Hourly Av.= 169.4 mg/m³, Max 95%ile Av.= 167.52 mg/m³, 10.59-11.59, Max Hourly Av.= 154.8 mg/m³, Max 95%ile Av.= 152.73 mg/m³, 12.59-13.59, Max Hourly Av.= 167.9 mg/m³, Max 95%ile Av.= 160.2 mg/m³, 20.59-21.59, Max Hourly Av.= 152.5 mg/m³, Max 95%ile Av.= 149.36 mg/mg³, 21.59-22.59 Max Hourly Av.= 174.3 mg/m³, Max 95%ile Av.= 169.25 mg/m³.
Date and time of monitoring	13/04/2016, 06.59-07.59, 08.59-09.59, 10.59-11.59, 12.59-13.59, 20.59-21.59, 21.59-22.59.
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

<p>Any more accurate information on the matters for notification under Part A.</p>	<p>It has been identified that water leaks in the T1 and T2 ducting within the quench tower are preventing complete combustion. This results in higher than normal off gas emissions. Weekly inspections and subsequent repairs are being completed during Planned Preventative Maintenance (PPM) downtime. New access equipment has been obtained eliminating the need to construct scaffolding each time. This has increased the time available to work on the ducting from 3-4 hours to 6-7 hours. Significant repairs were also completed during a 48 hour stop last week which has improved the condition of the ducting resulting in an improvement in emission levels. During the annual two week maintenance shutdown, the ducting panels are to be replaced. A minor trimming delay was experienced while the first basket was charged during 08.59-09.59 and 20.59-21.59. High phosphorus levels were also recorded in the melts during 20.59-21.59, this required treatment by addition of carbon and oxygen to reduce the phosphorus levels.</p>
<p>Measures taken, or intended to be taken, to prevent a recurrence of the incident</p>	<p>As above.</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>As above.</p>
<p>The dates of any unauthorised emissions from the facility in the preceding 24 months.</p>	<p>14 March, 19 March, 21 March, 22 March, 23 March, 24 March, 25 March, 26 March, 27 March, 28 March, 29 March, 30 March, 31 March, 1 April, 2 April, 3 April, 4 April, 5 April, 6 April, 7 April, 8 April, 9 April.1 May, 10 May, 22 May, 23 May, 24 May, 25 May, 27 May, 28 May, 29 May, 2 June, 3 June, 5 June, 7 June, 8 June, 9 June, 19 June, 20 June, 23 June, 26 June, 11 July, 13 July, 5 August, 6 August, 7 August, 8 August, 9 August, 10 August, 11 August, 12 August, 13 August, 14 August, 15 August, 17 August, 19 August, 20 August, 21 August, 22 August, 23 August, 24 August, 29 August, 31 August, 1 September, 18 September, 23 September, 25 September, 4 October, 7 October, 8 October, 9 October, 10 October, 11 October, 4 November, 5 November, 6 November, 9 November, 10 November, 22 November, 23 November, 24 November, 25 November, 26 November, 27 November, 1 December, 2 December, 6 December, 7 December, 9 December, 11 December, 12 December, 13 December, 14 December, 15 December, 16 December, 17 December, 18 December, 19 December, 05 January, 6 January, 7 January, 8 January, 10 January, 12 January, 14 January, 19 January, 20 January, 21 January, 22 January, 27 January, 28 January, 29 January, 31 January, 3 February, 4 February, 8 February, 10 February, 11 February, 12 February, 13 February, 14 February, 15 February, 17 February, 18 February, 20 February, 21 February, 23 February, 25 February, 26 February, 27 February, 28 February, 1 March, 4 March, 5 March, 6 March, 8 March, 11 March, 14 March, 17 March, 18 March, 19 March, 20 March, 21 March, 22 March, 24 March, 26 March, 05 April, 6 April, 7 April, 8 April, 9 April, 10 April, 11 April, 13 April, 14 April, 15 April, 16 April, 17 April, 18 April, 19 April, 20 April, 7 May, 9 May, 22 May, 23 May, 26 May, 6 September, 1 November, 1 December, 17 December, 18 December, 19 December, 21 January, 24</p>

	January, 12 February, 16 February, 17 February, 18 February, 26 February, 27 February, 4 March, 5 March, 11 March, 14 March, 15 March, 16 March, 17 March, 18 March, 19 March, 20 March, 21 March., 22 March, 23 March, 24 March, 26 March, 27 March, 29 March, 30 March., 31 March, 1 April, 2 April, 3 April, 4 April, 5 April, 6 April, 7 April, 11 April, 12 April.
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Name*	Sara Jones
Post	Environmental Advisor
Signature	<u>S.Jones.</u>
Date	14/04/2016

* authorised to sign on behalf of CELSA Manufacturing UK Limited