

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	09/03/18, 00.00-00.59, 00.59-01.59, 01.59-02.59, 02.59-03.59, 03.59-04.59, 04.59-05.59, 05.59-06.59, 07.59-08.59, 08.59-09.59, 09.59-10.59, 10.59-11.59, 11.59-12.59, 12.59-13.59, 13.59-14.59, 14.59-15.59, 15.59-16.59, 16.59-17.59, 17.59-18.59, 18.59-19.59, 19.59-20.59, 20.59-21.59, 21.59-22.59, 22.59-23.59

(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.	

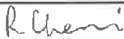
(b) Notification requirements for the breach of a limit	
To be notified within 24 hours of detection unless otherwise specified below	
Emission point reference/ source	A1
Parameter(s)	CO
Limit	CO = 100 mg/m³
Measured value and uncertainty	09/03/18, 00.00-00.59, Max Hourly Av.= 180.4 mg/m³, Max 95%ile Av.= 180.205 mg/m 00.59-01.59, Max Hourly Av.= 238.2 mg/m³, Max 95%ile Av.= 232.675 mg/m 01.59-02.59, Max Hourly Av.= 196 mg/m³, Max 95%ile Av.= 195.685 mg/m 02.59-03.59, Max Hourly Av.= 203.3 mg/m³, Max 95%ile Av.= 203.21 mg/m 03.59-04.59, Max Hourly Av.= 217.3 mg/m³, Max 95%ile Av.= 215.545 mg/m 04.59-05.59, Max Hourly Av.= 176.3 mg/m³, Max 95%ile Av.= 175.73 mg/m 05.59-06.59, Max Hourly Av.= 239.6 mg/m³, Max 95%ile Av.= 237.65 mg/m 07.59-08.59, Max Hourly Av.= 232.7 mg/m³, Max 95%ile Av.= 232.2 mg/m 08.59-09.59, Max Hourly Av.= 194 mg/m³, Max 95%ile Av.= 193.175 mg/m 09.59-10.59, Max Hourly Av.= 164.9 mg/m³, Max 95%ile Av.= 164.9 mg/m 10.59-11.59, Max Hourly Av.= 232.2 mg/m³, Max 95%ile Av.= 231.82 mg/m 11.59-12.59, Max Hourly Av.= 203.1 mg/m³, Max 95%ile Av.= 200.26 mg/m 12.59-13.59, Max Hourly Av.= 223.7 mg/m³, Max 95%ile Av.= 219.22 mg/m 13.59-14.59, Max Hourly Av.= 225.8 mg/m³, Max 95%ile Av.= 224.84 mg/m 14.59-15.59, Max Hourly Av.= 231.7 mg/m³, Max 95%ile Av.= 226.685 mg/m 15.59-16.59, Max Hourly Av.= 190.7 mg/m³, Max 95%ile Av.= 188.64 mg/m 16.59-17.59, Max Hourly Av.= 208.7 mg/m³, Max 95%ile Av.= 206 mg/m 17.59-18.59, Max Hourly Av.= 211.1 mg/m³, Max 95%ile Av.= 209.78 mg/m 18.59-19.59, Max Hourly Av.= 224.6 mg/m³, Max 95%ile Av.= 223.925 mg/m 19.59-20.59, Max Hourly Av.= 179.1 mg/m³, Max 95%ile Av.= 178.82 mg/m

	20.59-21.59, Max Hourly Av.= 231.8 mg/m ³ , Max 95%ile Av.= 231.71 mg/m 21.59-22.59, Max Hourly Av.= 195.1 mg/m ³ , Max 95%ile Av.= 194.77 mg/m 22.59-23.59, Max Hourly Av.= 214.6 mg/m ³ , Max 95%ile Av.= 212.5 mg/m
Date and Time of Monitoring	09/03/18, 00.00-00.59, 00.59-01.59, 01.59-02.59, 02.59-03.59, 03.59-04.59, 04.59-05.59, 05.59-06.59, 07.59-08.59, 08.59-09.59, 09.59-10.59, 10.59-11.59, 11.59-12.59, 12.59-13.59, 13.59-14.59, 14.59-15.59, 15.59-16.59, 16.59-17.59, 17.59-18.59, 18.59-19.59, 19.59-20.59, 20.59-21.59, 21.59-22.59, 22.59-23.59
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

Any more accurate information on the matters for notification under Part A.	An action plan report has been submitted to NRW on the 20 th February 2018, which will be implanted as per the timescales stated, in order to return to compliance.
Measures taken, or intended to be taken, to prevent a recurrence of the incident	As 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	As above.
The dates of any unauthorised emissions from the facility in the preceding 24 months.	11 March 2016, 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, 13 April, 15 April, 21 April, 6 May, 10 May, 11 May, 12 May, 15 May, 16 May, 17 May, 18 May, 19 May, 20 May, 21 May, 22 May, 23 May, 24 May, 25 May, 26 May, 27 May, 28 May, 29 May, 30 May, 31 May, 3 June, 4 June, 5 June, 6 June, 7 June, 8 June, 9 June, 10 June, 11 June, 12 June, 13 June, 14 June, 15 June, 17 June, 18 June, 19 June, 20 June, 21 June, 22 June, 23 June, 24 June, 25 June, 26 June, 27 June, 28 June, 29 June, 30 June, 1 July, 4 July, 8 July, 9 July, 10 July, 11 July, 12 July, 13 July, 14 July, 15 July, 16 July, 17 July, 18 July, 19 July, 20 July, 21 July, 22 July, 23 July, 24 July, 25 July, 26 July, 27 July, 28 July, 29 July, 30 July, 31 July, 1 Aug, 2 Aug, 3 Aug, 4 Aug, 5 Aug, 6 Aug, 7 Aug, 8 Aug, 9 Aug, 4 Sept, 5 Sept, 6 Sept, 13 Sept, 14 Sept, 14 Oct, 17 Oct, 25 Oct, 13 Dec 16 Jan 2017, 18 Jan, 2 Feb, 5 Feb, 6 Feb, 7 Feb, 5 Mar, 6 Mar, 7 Mar, 8 Mar, 27 April, 05 May, 08 Jun, 09 June, 28 Jun, 01 Jul, 02 Jul, 06 Jul, 07 Jul, 08 Jul, 09 Jul, 10 Jul, 11 Jul, 12 Jul, 14 Jul, 16 Jul, 25 Jul, 27 Jul, 28 Jul, 16 Aug, 17 Aug, 18 Aug, 24 Aug, 29 Aug, 30 Aug, 02 Sept, 03 Sept, 04 Sept, 05 Sept, 06 Sept, 08 Sept, 09 Sept, 10 Sept, 15 Sept, 16 Sept, 17 Sept, 18 Sept, 19 Sept, 20 Sept, 21 Sept, 22 Sept, 23 Sept, 24 Sept, 25 Sept, 26 Sept, 27 Sept, 28 Sept, 29 Sept, 01 Oct, 02 Oct, 04 Oct, 05 Oct, 06 Oct, 08 Oct, 09 Oct, 10 Oct, 11 Oct, 12 Oct, 19 Oct, 20 Oct, 21 Oct, 22 Oct, 23 Oct, 24 Oct, 26 Oct, 27 Oct, 28 Oct, 30 Oct, 31 Oct, 01 Nov, 02 Nov, 06 Nov, 07 Nov, 10 Nov, 13 Nov, 14 Nov, 15 Nov, 16 Nov, 17 Nov, 18 Nov, 19 Nov, 20 Nov, 21 Nov, 22 Nov, 23 Nov, 24 Nov, 25 Nov, 26 Nov, 27 Nov, 28 Nov, 29 Nov, 30 Nov, 1 Dec, 2 Dec, 3 Dec, 4 Dec, 5 Dec, 9 Dec, 10 Dec, 11 Dec, 12 Dec, 14 Dec, 15 Dec, 16 Dec, 17 Dec, 18 Dec, 19 Dec, 20 Dec, 21 Dec 05 Jan 2018, 06 Jan, 07 Jan, 08 Jan, 09 Jan, 10 Jan, 11 Jan, 12 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, 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, 22 Feb, 23 Feb, 24 Feb, 25 Feb, 26 Feb, 27 Feb, 28 Feb, 05 Mar, 06 Mar, 07 Mar, 08 Mar

Name*	Richard Lewis
Post	Environmental Manager
Signature	
Date	13/03/18

* authorised to sign on behalf of CELSA Manufacturing UK Limited

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	10/03/18, 00.00-00.59, 00.59-01.59, 01.59-02.59, 02.59-03.59, 03.59-04.59, 04.59-05.59, 06.59-07.59, 07.59-08.59, 08.59-09.59, 09.59-10.59, 10.59-11.59, 11.59-12.59, 12.59-13.59, 13.59-14.59, 14.59-15.59, 15.59-16.59, 16.59-17.59, 17.59-18.59, 18.59-19.59, 19.59-20.59, 20.59-21.59, 21.59-22.59, 22.59-23.59

(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
Measured value and uncertainty	10/03/18, 00.00-00.59, Max Hourly Av.= 179.1 mg/m³, Max 95%ile Av.= 179.025 mg/m 00.59-01.59, Max Hourly Av.= 183.3 mg/m³, Max 95%ile Av.= 182.46 mg/m 01.59-02.59, Max Hourly Av.= 224.8 mg/m³, Max 95%ile Av.= 223.24 mg/m 02.59-03.59, Max Hourly Av.= 240.1 mg/m³, Max 95%ile Av.= 229.86 mg/m 03.59-04.59, Max Hourly Av.= 243.4 mg/m³, Max 95%ile Av.= 240.595 mg/m 04.59-05.59, Max Hourly Av.= 245.4 mg/m³, Max 95%ile Av.= 243.88 mg/m 06.59-07.59, Max Hourly Av.= 262.6 mg/m³, Max 95%ile Av.= 257.085 mg/m 07.59-08.59, Max Hourly Av.= 263.1 mg/m³, Max 95%ile Av.= 262.11 mg/m 08.59-09.59, Max Hourly Av.= 200.8 mg/m³, Max 95%ile Av.= 199.33 mg/m 09.59-10.59, Max Hourly Av.= 243.8 mg/m³, Max 95%ile Av.= 243.44 mg/m 10.59-11.59, Max Hourly Av.= 210 mg/m³, Max 95%ile Av.= 209.05 mg/m 11.59-12.59, Max Hourly Av.= 207.5 mg/m³, Max 95%ile Av.= 206.54 mg/m 12.59-13.59, Max Hourly Av.= 173.3 mg/m³, Max 95%ile Av.= 172.785 mg/m 13.59-14.59, Max Hourly Av.= 205.1 mg/m³, Max 95%ile Av.= 203.595 mg/m 14.59-15.59, Max Hourly Av.= 163 mg/m³, Max 95%ile Av.= 163 mg/m 15.59-16.59, Max Hourly Av.= 257.7 mg/m³, Max 95%ile Av.= 245.4 mg/m 16.59-17.59, Max Hourly Av.= 220.6 mg/m³, Max 95%ile Av.= 214.77 mg/m 17.59-18.59, Max Hourly Av.= 208.1 mg/m³, Max 95%ile Av.= 207.83 mg/m 18.59-19.59, Max Hourly Av.= 178.6 mg/m³, Max 95%ile Av.= 178.07 mg/m 19.59-20.59, Max Hourly Av.= 222.4 mg/m³, Max 95%ile Av.= 221.32 mg/m

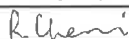
	20.59-21.59, Max Hourly Av.= 195.9 mg/m ³ , Max 95%ile Av.= 192.75 mg/m 21.59-22.59, Max Hourly Av.= 225.9 mg/m ³ , Max 95%ile Av.= 225.13 mg/m 22.59-23.59, Max Hourly Av.= 227.3 mg/m ³ , Max 95%ile Av.= 226.25 mg/m
Date and Time of Monitoring	10/03/18, 00.00-00.59, 00.59-01.59, 01.59-02.59, 02.59-03.59, 03.59-04.59, 04.59-05.59, 06.59-07.59, 07.59-08.59, 08.59-09.59, 09.59-10.59, 10.59-11.59, 11.59-12.59, 12.59-13.59, 13.59-14.59, 14.59-15.59, 15.59-16.59, 16.59-17.59, 17.59-18.59, 18.59-19.59, 19.59-20.59, 20.59-21.59, 21.59-22.59, 22.59-23.59
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

Any more accurate information on the matters for notification under Part A.	An action plan report has been submitted to NRW on the 20 th February 2018, which will be implanted as per the timescales stated, in order to return to compliance.
Measures taken, or intended to be taken, to prevent a recurrence of the incident	As 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	As above.
The dates of any unauthorised emissions from the facility in the preceding 24 months.	11 March 2016, 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, 13 April, 15 April, 21 April, 6 May, 10 May, 11 May, 12 May, 15 May, 16 May, 17 May, 18 May, 19 May, 20 May, 21 May, 22 May, 23 May, 24 May, 25 May, 26 May, 27 May, 28 May, 29 May, 30 May, 31 May, 3 June, 4 June, 5 June, 6 June, 7 June, 8 June, 9 June, 10 June, 11 June, 12 June, 13 June, 14 June, 15 June, 17 June, 18 June, 19 June, 20 June, 21 June, 22 June, 23 June, 24 June, 25 June, 26 June, 27 June, 28 June, 29 June, 30 June, 1 July, 4 July, 8 July, 9 July, 10 July, 11 July, 12 July, 13 July, 14 July, 15 July, 16 July, 17 July, 18 July, 19 July, 20 July, 21 July, 22 July, 23 July, 24 July, 25 July, 26 July, 27 July, 28 July, 29 July, 30 July, 31 July, 1 Aug, 2 Aug, 3 Aug, 4 Aug, 5 Aug, 6 Aug, 7 Aug, 8 Aug, 9 Aug, 4 Sept, 5 Sept, 6 Sept, 13 Sept, 14 Sept, 14 Oct, 17 Oct, 25 Oct, 13 Dec 16 Jan 2017, 18 Jan, 2 Feb, 5 Feb, 6 Feb, 7 Feb, 5 Mar, 6 Mar, 7 Mar, 8 Mar, 27 April, 05 May, 08 Jun, 09 June, 28 Jun, 01 Jul, 02 Jul, 06 Jul, 07 Jul, 08 Jul, 09 Jul, 10 Jul, 11 Jul, 12 Jul, 14 Jul, 16 Jul, 25 Jul, 27 Jul, 28 Jul, 16 Aug, 17 Aug, 18 Aug, 24 Aug, 29 Aug, 30 Aug, 02 Sept, 03 Sept, 04 Sept, 05 Sept, 06 Sept, 08 Sept, 09 Sept, 10 Sept, 15 Sept, 16 Sept, 17 Sept, 18 Sept, 19 Sept, 20 Sept, 21 Sept, 22 Sept, 23 Sept, 24 Sept, 25 Sept, 26 Sept, 27 Sept, 28 Sept, 29 Sept, 01 Oct, 02 Oct, 04 Oct, 05 Oct, 06 Oct, 08 Oct, 09 Oct, 10 Oct, 11 Oct, 12 Oct, 19 Oct, 20 Oct, 21 Oct, 22 Oct, 23 Oct, 24 Oct, 26 Oct, 27 Oct, 28 Oct, 30 Oct, 31 Oct, 01 Nov, 02 Nov, 06 Nov, 07 Nov, 10 Nov, 13 Nov, 14 Nov, 15 Nov, 16 Nov, 17 Nov, 18 Nov, 19 Nov, 20 Nov, 21 Nov, 22 Nov, 23 Nov, 24 Nov, 25 Nov, 26 Nov, 27 Nov, 28 Nov, 29 Nov, 30 Nov, 1 Dec, 2 Dec, 3 Dec, 4 Dec, 5 Dec, 9 Dec, 10 Dec, 11 Dec, 12 Dec, 14 Dec, 15 Dec, 16 Dec, 17 Dec, 18 Dec, 19 Dec, 20 Dec, 21 Dec 05 Jan 2018, 06 Jan, 07 Jan, 08 Jan, 09 Jan, 10 Jan, 11 Jan, 12 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, 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, 22 Feb, 23 Feb, 24 Feb, 25 Feb, 26 Feb, 27 Feb, 28 Feb, 05 Mar, 06 Mar, 07 Mar, 08 Mar, 09 Mar

Name*	Richard Lewis
Post	Environmental Manager
Signature	
Date	13/03/18

* authorised to sign on behalf of CELSA Manufacturing UK Limited

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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.

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(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
Measured value and uncertainty	11/03/18, 00.00-00.59, Max Hourly Av.= 204.9 mg/m³, Max 95%ile Av.= 203.5 mg/m 00.59-01.59, Max Hourly Av.= 176 mg/m³, Max 95%ile Av.= 174.36 mg/m 01.59-02.59, Max Hourly Av.= 262.2 mg/m³, Max 95%ile Av.= 254 mg/m 02.59-03.59, Max Hourly Av.= 196.9 mg/m³, Max 95%ile Av.= 196.46 mg/m 03.59-04.59, Max Hourly Av.= 151 mg/m³, Max 95%ile Av.= 149.5 mg/m 06.59-07.59, Max Hourly Av.= 195.8 mg/m³, Max 95%ile Av.= 193.56 mg/m 07.59-08.59, Max Hourly Av.= 211.1 mg/m³, Max 95%ile Av.= 207.69 mg/m 08.59-09.59, Max Hourly Av.= 267.7 mg/m³, Max 95%ile Av.= 263.1 mg/m 09.59-10.59, Max Hourly Av.= 247.4 mg/m³, Max 95%ile Av.= 230.28 mg/m 10.59-11.59, Max Hourly Av.= 220.9 mg/m³, Max 95%ile Av.= 219.405 mg/m 11.59-12.59, Max Hourly Av.= 181.3 mg/m³, Max 95%ile Av.= 179.975 mg/m 12.59-13.59, Max Hourly Av.= 167.8 mg/m³, Max 95%ile Av.= 165.28 mg/m 13.59-14.59, Max Hourly Av.= 226 mg/m³, Max 95%ile Av.= 222.85 mg/m 14.59-15.59, Max Hourly Av.= 221.8 mg/m³, Max 95%ile Av.= 221.17 mg/m 15.59-16.59, Max Hourly Av.= 189.4 mg/m³, Max 95%ile Av.= 186.97 mg/m 16.59-17.59, Max Hourly Av.= 251.3 mg/m³, Max 95%ile Av.= 248.78 mg/m 18.59-19.59, Max Hourly Av.= 202.1 mg/m³, Max 95%ile Av.= 199.76 mg/m 19.59-20.59, Max Hourly Av.= 248.5 mg/m³, Max 95%ile Av.= 247.565 mg/m 20.59-21.59, Max Hourly Av.= 218.6 mg/m³, Max 95%ile Av.= 214.1 mg/m 21.59-22.59, Max Hourly Av.= 254 mg/m³, Max 95%ile Av.= 251.435 mg/m

	22.59-23.59, Max Hourly Av.= 263.2 mg/m ³ , Max 95%ile Av.= 261.79 mg/m
Date and Time of Monitoring	11/03/18, 00.00-00.59, 00.59-01.59, 01.59-02.59, 02.59-03.59, 03.59-04.59, 06.59-07.59, 07.59-08.59, 08.59-09.59, 09.59-10.59, 10.59-11.59, 11.59-12.59, 12.59-13.59, 13.59-14.59, 14.59-15.59, 15.59-16.59, 16.59-17.59, 18.59-19.59, 19.59-20.59, 20.59-21.59, 21.59-22.59, 22.59-23.59
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

Any more accurate information on the matters for notification under Part A.	An action plan report has been submitted to NRW on the 20 th February 2018, which will be implanted as per the timescales stated, in order to return to compliance.
Measures taken, or intended to be taken, to prevent a recurrence of the incident	As 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	As above.
The dates of any unauthorised emissions from the facility in the preceding 24 months.	11 March 2016, 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, 13 April, 15 April, 21 April, 6 May, 10 May, 11 May, 12 May, 15 May, 16 May, 17 May, 18 May, 19 May, 20 May, 21 May, 22 May, 23 May, 24 May, 25 May, 26 May, 27 May, 28 May, 29 May, 30 May, 31 May, 3 June, 4 June, 5 June, 6 June, 7 June, 8 June, 9 June, 10 June, 11 June, 12 June, 13 June, 14 June, 15 June, 17 June, 18 June, 19 June, 20 June, 21 June, 22 June, 23 June, 24 June, 25 June, 26 June, 27 June, 28 June, 29 June, 30 June, 1 July, 4 July, 8 July, 9 July, 10 July, 11 July, 12 July, 13 July, 14 July, 15 July, 16 July, 17 July, 18 July, 19 July, 20 July, 21 July, 22 July, 23 July, 24 July, 25 July, 26 July, 27 July, 28 July, 29 July, 30 July, 31 July, 1 Aug, 2 Aug, 3 Aug, 4 Aug, 5 Aug, 6 Aug, 7 Aug, 8 Aug, 9 Aug, 4 Sept, 5 Sept, 6 Sept, 13 Sept, 14 Sept, 14 Oct, 17 Oct, 25 Oct, 13 Dec 16 Jan 2017, 18 Jan, 2 Feb, 5 Feb, 6 Feb, 7 Feb, 5 Mar, 6 Mar, 7 Mar, 8 Mar, 27 April, 05 May, 08 Jun, 09 June, 28 Jun, 01 Jul, 02 Jul, 06 Jul, 07 Jul, 08 Jul, 09 Jul, 10 Jul, 11 Jul, 12 Jul, 14 Jul, 16 Jul, 25 Jul, 27 Jul, 28 Jul, 16 Aug, 17 Aug, 18 Aug, 24 Aug, 29 Aug, 30 Aug, 02 Sept, 03 Sept, 04 Sept, 05 Sept, 06 Sept, 08 Sept, 09 Sept, 10 Sept, 15 Sept, 16 Sept, 17 Sept, 18 Sept, 19 Sept, 20 Sept, 21 Sept, 22 Sept, 23 Sept, 24 Sept, 25 Sept, 26 Sept, 27 Sept, 28 Sept, 29 Sept, 01 Oct, 02 Oct, 04 Oct, 05 Oct, 06 Oct, 08 Oct, 09 Oct, 10 Oct, 11 Oct, 12 Oct, 19 Oct, 20 Oct, 21 Oct, 22 Oct, 23 Oct, 24 Oct, 26 Oct, 27 Oct, 28 Oct, 30 Oct, 31 Oct, 01 Nov, 02 Nov, 06 Nov, 07 Nov, 10 Nov, 13 Nov, 14 Nov, 15 Nov, 16 Nov, 17 Nov, 18 Nov, 19 Nov, 20 Nov, 21 Nov, 22 Nov, 23 Nov, 24 Nov, 25 Nov, 26 Nov, 27 Nov, 28 Nov, 29 Nov, 30 Nov, 1 Dec, 2 Dec, 3 Dec, 4 Dec, 5 Dec, 9 Dec, 10 Dec, 11 Dec, 12 Dec, 14 Dec, 15 Dec, 16 Dec, 17 Dec, 18 Dec, 19 Dec, 20 Dec, 21 Dec 05 Jan 2018, 06 Jan, 07 Jan, 08 Jan, 09 Jan, 10 Jan, 11 Jan, 12 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, 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, 22 Feb, 23 Feb, 24 Feb, 25 Feb, 26 Feb, 27 Feb, 28 Feb, 05 Mar, 06 Mar, 07 Mar, 08 Mar, 09 Mar, 10 Mar

Name*	Richard Lewis
Post	Environmental Manager
Signature	
Date	13/03/18

* authorised to sign on behalf of CELSA Manufacturing UK Limited

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	12/03/18, 00.00-00.59, 00.59-01.59, 01.59-02.59, 02.59-03.59, 03.59-04.59, 05.59-06.59, 06.59-07.59, 07.59-08.59, 08.59-09.59, 11.59-12.59, 12.59-13.59, 13.59-14.59, 14.59-15.59, 15.59-16.59, 16.59-17.59, 20.59-21.59, 21.59-22.59, 22.59-23.59

(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
Measured value and uncertainty	12/03/18, 00.00-00.59, Max Hourly Av.= 205.5 mg/m³, Max 95%ile Av.= 205.15 mg/m 00.59-01.59, Max Hourly Av.= 230.1 mg/m³, Max 95%ile Av.= 225.3 mg/m 01.59-02.59, Max Hourly Av.= 152.5 mg/m³, Max 95%ile Av.= 152.44 mg/m 02.59-03.59, Max Hourly Av.= 215.7 mg/m³, Max 95%ile Av.= 209.54 mg/m 03.59-04.59, Max Hourly Av.= 152.3 mg/m³, Max 95%ile Av.= 151.375 mg/m 05.59-06.59, Max Hourly Av.= 182.6 mg/m³, Max 95%ile Av.= 181.61 mg/m 06.59-07.59, Max Hourly Av.= 208 mg/m³, Max 95%ile Av.= 206.125 mg/m 07.59-08.59, Max Hourly Av.= 157 mg/m³, Max 95%ile Av.= 155.425 mg/m 08.59-09.59, Max Hourly Av.= 215.8 mg/m³, Max 95%ile Av.= 215.715 mg/m 11.59-12.59, Max Hourly Av.= 237.5 mg/m³, Max 95%ile Av.= 230.46 mg/m 12.59-13.59, Max Hourly Av.= 225.3 mg/m³, Max 95%ile Av.= 220.075 mg/m 13.59-14.59, Max Hourly Av.= 230.5 mg/m³, Max 95%ile Av.= 229.86 mg/m 14.59-15.59, Max Hourly Av.= 219.8 mg/m³, Max 95%ile Av.= 216.2 mg/m 15.59-16.59, Max Hourly Av.= 205 mg/m³, Max 95%ile Av.= 200.19 mg/m 16.59-17.59, Max Hourly Av.= 172.8 mg/m³, Max 95%ile Av.= 166.48 mg/m 20.59-21.59, Max Hourly Av.= 173.4 mg/m³, Max 95%ile Av.= 173.13 mg/m 21.59-22.59, Max Hourly Av.= 197.6 mg/m³, Max 95%ile Av.= 188.6 mg/m 22.59-23.59, Max Hourly Av.= 180.8 mg/m³, Max 95%ile Av.= 177.1 mg/m
Date and Time of Monitoring	12/03/18, 00.00-00.59, 00.59-01.59, 01.59-02.59, 02.59-03.59, 03.59-04.59, 05.59-06.59, 06.59-07.59, 07.59-08.59, 08.59-09.59, 11.59-12.59, 12.59-13.59, 13.59-14.59, 14.59-15.59, 15.59-16.59, 16.59-17.59, 20.59-21.59, 21.59-22.59, 22.59-23.59

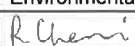
Measures taken, or intended to be taken, to stop the emission	
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Time periods for notification following detection of a breach of a limit	
Parameter	Notification period

(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 action plan report has been submitted to NRW on the 20 th February 2018, which will be implanted as per the timescales stated, in order to return to compliance.
Measures taken, or intended to be taken, to prevent a recurrence of the incident	As 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	As above.
The dates of any unauthorised emissions from the facility in the preceding 24 months.	11 March 2016, 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, 13 April, 15 April, 21 April, 6 May, 10 May, 11 May, 12 May, 15 May, 16 May, 17 May, 18 May, 19 May, 20 May, 21 May, 22 May, 23 May, 24 May, 25 May, 26 May, 27 May, 28 May, 29 May, 30 May, 31 May, 3 June, 4 June, 5 June, 6 June, 7 June, 8 June, 9 June, 10 June, 11 June, 12 June, 13 June, 14 June, 15 June, 17 June, 18 June, 19 June, 20 June, 21 June, 22 June, 23 June, 24 June, 25 June, 26 June, 27 June, 28 June, 29 June, 30 June, 1 July, 4 July, 8 July, 9 July, 10 July, 11 July, 12 July, 13 July, 14 July, 15 July, 16 July, 17 July, 18 July, 19 July, 20 July, 21 July, 22 July, 23 July, 24 July, 25 July, 26 July, 27 July, 28 July, 29 July, 30 July, 31 July, 1 Aug, 2 Aug, 3 Aug, 4 Aug, 5 Aug, 6 Aug, 7 Aug, 8 Aug, 9 Aug, 4 Sept, 5 Sept, 6 Sept, 13 Sept, 14 Sept, 14 Oct, 17 Oct, 25 Oct, 13 Dec 16 Jan 2017, 18 Jan, 2 Feb, 5 Feb, 6 Feb, 7 Feb, 5 Mar, 6 Mar, 7 Mar, 8 Mar, 27 April, 05 May, 08 Jun, 09 June, 28 Jun, 01 Jul, 02 Jul, 06 Jul, 07 Jul, 08 Jul, 09 Jul, 10 Jul, 11 Jul, 12 Jul, 14 Jul, 16 Jul, 25 Jul, 27 Jul, 28 Jul, 16 Aug, 17 Aug, 18 Aug, 24 Aug, 29 Aug, 30 Aug, 02 Sept, 03 Sept, 04 Sept, 05 Sept, 06 Sept, 08 Sept, 09 Sept, 10 Sept, 15 Sept, 16 Sept, 17 Sept, 18 Sept, 19 Sept, 20 Sept, 21 Sept, 22 Sept, 23 Sept, 24 Sept, 25 Sept, 26 Sept, 27 Sept, 28 Sept, 29 Sept, 01 Oct, 02 Oct, 04 Oct, 05 Oct, 06 Oct, 08 Oct, 09 Oct, 10 Oct, 11 Oct, 12 Oct, 19 Oct, 20 Oct, 21 Oct, 22 Oct, 23 Oct, 24 Oct, 26 Oct, 27 Oct, 28 Oct, 30 Oct, 31 Oct, 01 Nov, 02 Nov, 06 Nov, 07 Nov, 10 Nov, 13 Nov, 14 Nov, 15 Nov, 16 Nov, 17 Nov, 18 Nov, 19 Nov, 20 Nov, 21 Nov, 22 Nov, 23 Nov, 24 Nov, 25 Nov, 26 Nov, 27 Nov, 28 Nov, 29 Nov, 30 Nov, 1 Dec, 2 Dec, 3 Dec, 4 Dec, 5 Dec, 9 Dec, 10 Dec, 11 Dec, 12 Dec, 14 Dec, 15 Dec, 16 Dec, 17 Dec, 18 Dec, 19 Dec, 20 Dec, 21 Dec 05 Jan 2018, 06 Jan, 07 Jan, 08 Jan, 09 Jan, 10 Jan, 11 Jan, 12 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, 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, 22 Feb, 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

Name*	Richard Lewis
Post	Environmental Manager
Signature	
Date	13/03/18

* authorised to sign on behalf of CELSA Manufacturing UK Limited