

Compliance Assessment Report

Report ID:
CAR_NRW0032727

This form will report compliance with your permit as determined by an NRW officer

Site	Tremorfa Melt Shop		Permit Ref	TP3639BH	
Operator/Permit holder	Celsa Manufacturing UK Ltd				
Regime	Installations				
Date of assessment	16/01/2018	Time in	N/A	Out	N/A
Assessment type	Report/Data Review				
Parts of the permit assessed	Sch5 Notifications				
Lead officer's name	Richards, Gareth (Rivers House)				
Accompanied by					
Recipient's name/position	Richard Lewis/ Environment Manager	Date issued	19/01/2018		

Section 1 – Compliance Assessment Summary

This is based on the requirements of the permit under the Environmental Permitting Regulations or the licence under the Water Resources Act 1991 as amended by the Water Act 2003. A detailed explanation is captured in "Compliance Assessment Report Detail" (Section 2) and any actions you may need to take are given in the "Action(s)" (section 4). This summary details where we believe any non-compliance with the permit has occurred, the relevant condition and how the non-compliance has been categorised using our Compliance Classification Scheme (CCS). CCS Scores can be consolidated or suspended where appropriate, to reflect the impact of some non-compliances more accurately. For more details of our CCS scheme, contact your local office.

Permit conditions and compliance summary	CCS Category	Condition(s) breached
E1 - Emissions - Air	C3	3.1.2
KEY: See Section 5 for breach categories, suspended scores will be indicated as such. A = Assessed or assessed in part (no evidence of non-compliance), X = Action only, O = Ongoing non-compliance, not scored.		

Number of breaches recorded	1	Total compliance score (see section 5 for scoring scheme)	4
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If the Number of breaches recorded is greater than zero, please see Section 3 for our proposed enforcement response

Section 2 – Compliance Assessment Report Detail

This section contains a report of our findings and will usually include information on:

- The part(s) of the permit that were assessed (eg. Maintenance, training, combustion plant, etc)
- Where the type of assessment was 'Data Review' details of the report/results triggering the assessment
- Any non-compliances identified
- Any non-compliances with directly applicable legislation
- Details of any multiple non-compliances
- Information on the compliance score accrued inc.
- Details of advice given
- Any other areas of concern
- Any actions requested
- Any examples of good practice
- A reference to photos taken

Celsa Manufacturing UK Ltd. have notified NRW of the following exceedances for CO and particulates through Schedule 5 notifications for the period October to December 2017:

October 2017

01/10/17 Four 1h periods, max hourly CO average 173.1 mg/m³

Cat 3 non-compliance

02/10/17 Two 1h periods, max hourly CO average 157.4 mg/m³

04/10/17 One 1h period, max hourly CO average 150.3 mg/m³

05/10/17 One 1h periods, max hourly CO average 157.6 mg/m³

06/10/17 One 1h periods, max hourly CO average 151.5 mg/m³

08/10/17 Six 1h periods, max hourly CO average 237.7 mg/m³

09/10/17 Ten 1h periods, max hourly CO average 193.3 mg/m³

10/10/17 Sixteen 1h periods, max hourly CO average 222.7 mg/m³

11/10/17 Fifteen 1h periods, max hourly CO average 248.0 mg/m³

12/10/17 Four 1h periods, max hourly CO average 185.4 mg/m³

19/10/17 Four 1h periods, max hourly CO average 186.7 mg/m³

20/10/17 Nine 1h periods, max hourly CO average 204.8 mg/m³

21/10/17 Two 1h period, max hourly CO average 165.6 mg/m³

22/10/17 Nine 1h periods, max hourly CO average 209.8 mg/m³

23/10/17 Eleven 1h periods, max hourly CO average 219.8 mg/m³

24/10/17 Ten 1h periods, max hourly CO average 194.8 mg/m³

26/10/17 One 1h period, max hourly CO average 150.7 mg/m³

27/10/17 Four 1h periods, max hourly CO average 195 mg/m³

28/10/17 One 1h period, max hourly CO average 151.9 mg/m³

30/10/17 Eight 1h periods, max hourly CO average 178.4 mg/m³

Daily average particulates 6.05mg/m³ (within 30% of limit value therefore no non-compliance recorded)

31/10/17 Eleven 1h periods, max hourly CO average 200.1 mg/m³

November 2017

01/11/17 Seventeen 1h periods, max hourly CO average 222.4 mg/m³

02/11/17 Two 1h periods, max hourly CO average 179.9 mg/m³

06/11/17 One 1h period, max hourly CO average 160 mg/m³

07/11/17 Two 1h periods, max hourly CO average 169.4 mg/m³

10/11/17 One 1h periods, max hourly CO average 153.6 mg/m³

13/11/17 Four 1h periods, max hourly CO average 182.8 mg/m³

14/11/17 Six 1h periods, max hourly CO average 195.4 mg/m³

15/11/17 Fourteen 1h periods, max hourly CO average 219.6 mg/m³

16/11/17 Five 1h periods, max hourly CO average 170.6 mg/m³

17/11/17 One 1h periods, max hourly CO average 155.9 mg/m³

18/11/17 Five 1h periods, max hourly CO average 169.9 mg/m³

19/11/17 Ten 1h periods, max hourly CO average 198.1 mg/m³

20/11/17 Fourteen 1h period, max hourly CO average 195.3 mg/m³

21/11/17 Fifteen 1h periods, max hourly CO average 223.1 mg/m³

22/11/17 Nineteen 1h periods, max hourly CO average 236.4 mg/m³

23/11/17 One 1h periods, max hourly CO average 179 mg/m³

24/11/17 Six 1h period, max hourly CO average 194 mg/m³

25/11/17 Two 1h periods, max hourly CO average 155.1 mg/m³

26/11/17 One 1h period, max hourly CO average 172.8 mg/m³

27/11/17 Seven 1h periods, max hourly CO average 195 mg/m³

28/11/17 Seventeen 1h periods, max hourly CO average 219.5 mg/m³

29/11/17 Ten 1h periods, max hourly CO average 190.2 mg/m³

30/11/17 Two 1h periods, max hourly CO average 188.5 mg/m³

December 2017

01/12/17 Twelve 1h periods, max hourly CO average 207.9 mg/m³

02/12/17 Three 1h periods, max hourly CO average 163.2mg/m³

03/12/17 Five 1h period, max hourly CO average 175.8 mg/m³

04/12/17 Five 1h periods, max hourly CO average 170.7mg/m³

05/12/17 Six 1h periods, max hourly CO average 200.2 mg/m³

09/12/17 One 1h periods, max hourly CO average 170.9 mg/m³

10/12/17 One 1h periods, max hourly CO average 170.2 mg/m³

11/12/17 Four 1h periods, max hourly CO average 165.4 mg/m
12/12/17 Four 1h periods, max hourly CO average 195.7 mg/m³
14/12/17 Five 1h periods, max hourly CO average 275.6 mg/m³
15/12/17 One 1h periods, max hourly CO average 158.5 mg/m³
16/12/17 One 1h periods, max hourly CO average 167.6 mg/m³
17/12/17 One 1h period, max hourly CO average 166.2 mg/m³
18/12/17 Two 1h periods, max hourly CO average 159.4 mg/m³
19/12/17 Eight 1h periods, max hourly CO average 241.9 mg/m³
20/12/17 Twenty 1h periods, max hourly CO average 227.2 mg/m³
21/12/17 Twelve 1h period, max hourly CO average 203.6 mg/m³

The first exceedance for an individual parameter (CO and Particulates) that is categorised as a non-compliance is identified above. In accordance with current NRW policy only the first exceedance of an emission limit value (for each parameter with a permit limit) in the reporting quarterly period is categorised as a non-compliance. Further non-compliances for the same parameter are not recorded during the reporting period.

Celsa have had a high frequency of hourly CO exceedances for a considerable period. Originally this was considered to be due to problems including leaks in the quench tower then failure of the damper control system. However, despite these being rectified (most recently the damper control in November 2017) the exceedances have continued. Reference has been made to trim delays and delays due to electrode elongation as contributory factors. The increased use of light scrap metal grades is also a potential contributory factor. When the EAF was first commissioned persistent CO exceedances were not an issue.

It is important that Celsa re-establish routine compliance with the emission limits through a combination of effective plant maintenance, operational procedures and production strategies.

To progress this the following actions are identified:

Action (1): Provide NRW with general performance data (CO and particulate emissions to air) for other Celsa EAF plant to provide an indication of the differences in performance characteristics. Where relevant identify any significant differences in the operation of such furnaces. Due by 28th February 2018

Action (2): Provide NRW with a report that details the factors that are considered to be causing the persistent hourly CO exceedances and the plans to address these issues such that consistent compliance with the permit is re-established. Due by 28th February 2018

Total of one Cat 3 non-compliance recorded.

EPR Compliance Assessment Report

**Report ID:
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Site	Tremorfa Melt Shop	Permit Ref	TP3639BH
Operator/Permit holder	Celsa Manufacturing UK Ltd	Date	16/01/2018

Section 3 – Enforcement Response

You must take immediate action to rectify any non-compliance and prevent repetition. Non-compliance with your permit conditions constitutes an offence and can result in criminal prosecutions and/or suspension or revocation of a permit. Please read the detailed assessment in Section 2 and the steps you need to take in Section 4 below.

In respect of the above non-compliance you have been issued with a warning. At present we do not intend to take further enforcement action. This does not preclude us from taking additional enforcement action if further relevant information comes to light or offences continue.

Section 4 – Action(s)

This section summarises the actions identified during the assessment along with the timescales for when they will need to be completed.

Criteria Ref.	CCS Category	Action required/advised	Due Date
See Section 1 above			
E1	C3	Identify cause of persistent CO releases and complete necessary remedial work	28/02/2018

Section 5 – Compliance notes for the Operator

To ensure you correct actual or potential non-compliance we may

- Advise on corrective actions verbally or in writing
- Require you to take specific actions verbally or in writing
- Issue a notice
- Require you to review your procedures or management system
- Change some of the conditions of your permit
- Decide to undertake a full review of your permit

Any breach of a permit condition is an offence and we may take legal action against you

- We will normally provide advice and guidance to assist you to come back into compliance either after an offence is committed or where we consider that an offence is likely to be committed. This is without prejudice to any other enforcement response that we consider may be required.
- Enforcement action can include the issue of a formal caution, prosecution, the service of a notice and/or suspension or revocation of the permit.

See our Enforcement and Civil Sanctions guidance for further information

This report does not relieve the site operator of the responsibility to

- Ensure you comply with the conditions of the permit at all times and prevent pollution of the environment
- Ensure you comply with other legislative provisions which may apply

Non-compliance scores and categories

CCS category	Description	Score
C1	A non-compliance that could have a major environmental effect	60
C2	A non-compliance which could have a significant environmental effect	31
C3	A non-compliance which could have a minor environmental effect	4
C4	A non-compliance which has no potential environmental effect	0.1

Operational Risk Appraisal (Opra) - Compliance assessment findings may affect your Opra score and/or your charges. This score influences the resource we use to assess permit compliance.

Section 6 – General information

Data protection notice

The information on this form will be processed by the Natural Resources Wales (NRW) to fulfil its regulatory and monitoring functions and to maintain the relevant public register(s). The NRW may also use and/or disclose it in connection with:

- Offering/providing you with its literature/services relating to environmental matters
- Consulting with the public, public bodies and other organisations (eg. Health and Safety Executive, local authorities) on environmental issues
- Carrying out statistical analysis, research and development on environmental issues
- Providing public register information to enquirers
- Investigating possible breaches of environmental law
- Assessing customer service satisfaction and improving its service
- Freedom of Information Act/Environmental Regulations request

The NRW may pass it on to its agents/representatives to do these things on its behalf. You should ensure that any persons named on this form are informed of the contents of this data protection notice.

Disclosure of information

The NRW will provide a copy of this report to the public register(s). However, if you consider that any information contained in this report should not be released to the public register(s) on the grounds of commercial confidentiality, you must write to your local area office within fifteen working days of receipt of this form indicating which information it concerns and why it should not be released, giving your reasons in full.

Customer charter

What can I do if I disagree with this compliance assessment report?

If you are unable to resolve the issue with your site officer, you should firstly discuss the matter with officer's line managers using the informal appeals procedure. If you wish to raise your dispute further through our official Complaints and Commendations procedure, phone our general enquiry number 0300 065 3000 (Mon to Fri 08.00 – 18.00) and ask for the Customer Contact team or send an email to enquiries@naturalresourceswales.gov.uk. If you are still dissatisfied you can make a complaint to the Public Services Ombudsman for Wales. For advice on how to complain to the Ombudsman phone their helpline on 0845 607 0987.

Welsh Language

If you would like this form in Welsh please contact your Regulatory Officer.