

Compliance Assessment Report

Report ID:
CAR_NRW0032311

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	17/10/2017	Time in	N/A	Out	N/A
Assessment type	Report/Data Review				
Parts of the permit assessed	3.1.2				
Lead officer's name	Richards, Gareth (Rivers House)				
Accompanied by					
Recipient's name/position	Richard Lewis/Sioned Hatcher/ Environment Dept.	Date issued	17/10/2017		

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
	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	2	Total compliance score (see section 5 for scoring scheme)	8
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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 July to September 2017:

01/7/17 Daily average particulates 5.71 mg/m³

02/7/17 Daily average particulates 5.52 mg/m³

06/7/17 Six 1h periods, max hourly CO average 318.3 mg/m³

Cat 3 non-compliance

07/7/17 Twenty three 1h periods, max hourly CO average 328.9 mg/m³

08/7/17 Twenty three 1h periods, max hourly CO average 328.4 mg/m³ and Daily average particulates 5.92 mg/m³

09/7/17 Twenty three 1h periods, max hourly CO average 331.6 mg/m³ and Daily average particulates 6.25 mg/m³

10/7/17 Thirteen 1h periods, max hourly CO average 316.1 mg/m³ and Daily average particulates 6.17 mg/m³

11/7/17 Daily average particulates 5.33 mg/m³

12/7/17 Daily average particulates 5.08 mg/m³

14/7/17 Daily average particulates 5.12 mg/m³

16/7/17 Daily average particulates 5.54 mg/m³

25/7/17 Three 1h periods, max hourly CO average 210.3 mg/m³

27/7/17 One 1h period, max hourly CO average 154.9 mg/m³

28/7/17 Four 1h periods, max hourly CO average 173.9 mg/m³

16/8/17 Two 1h periods, max hourly CO average 167.6 mg/m³

17/8/17 Three 1h periods, max hourly CO average 210.2 mg/m³

18/8/17 Seven 1h period, max hourly CO average 170.1 mg/m³

24/8/17 Two 1h periods, max hourly CO average 161.8 mg/m³

29/8/17 Ten 1h period, max hourly CO average 197.1 mg/m³

31/8/17 Two 1h periods, max hourly CO average 157.1 mg/m³

02/9/17 Daily average particulates 5.63 mg/m³

03/9/17 Daily average particulates 8.8 mg/m³

Cat 3 non-compliance

04/9/17 Daily average particulates 6.23 mg/m³

05/9/17 Five 1h periods, max hourly CO average 167.5 mg/m³ and Daily average particulates 6.22 mg/m³

06/9/2017 Daily average particulates 6.69 mg/m³

08/9/17 One 1h period, max hourly CO average 169.2 mg/m³

09/9/17 Nine 1h periods, max hourly CO average 203.9 mg/m³ and Daily average particulates 5.54 mg/m³

10/9/17 Five 1h periods, max hourly CO average 188.6 mg/m³ and Daily average particulates 5.6 mg/m³

15/09/2017 Eleven 1h periods, max hourly CO average 197.8 mg/m³

16/09/2017 Five 1h periods, max hourly CO average 198.6 mg/m³

17/09/2017 Four 1h periods, max hourly CO average 167.9 mg/m³

18/09/2017 Seven 1h periods, max hourly CO average 172.7 mg/m³

19/09/2017 Fourteen 1h periods, max hourly CO average 197.6 mg/m³

20/09/2017 Five 1h periods, max hourly CO average 169.5 mg/m³

21/09/2017 Seven 1h periods, max hourly CO average 202 mg/m³

22/09/2017 Thirteen 1h periods, max hourly CO average 207.3 mg/m³

23/09/2017 Thirteen 1h periods, max hourly CO average 249.2 mg/m³

24/09/2017 Twenty 1h periods, max hourly CO average 273 mg/m³

25/09/2017 Fifteen 1h periods, max hourly CO average 251.8 mg/m³

26/09/2017 Sixteen 1h periods, max hourly CO average 230.4 mg/m³

27/9/17 Twenty one 1h periods, max hourly CO average 212.4 mg/m³

28/9/17 Five 1h period, max hourly CO average 197.5 mg/m³

29/9/17 Four 1h periods, max hourly CO average 170.4 mg/m³

The first exceedance for an individual species (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 in the reporting quarterly period is categorised as a non-compliance. No further non-compliances for the same species is recorded in the period.

During the planned shut down in Q3 2017 Celsa completed repairs to water tube leaks in quench tower sections T3, 4 and 5. These were thought to be the prime reason for the persistent CO exceedances. Unfortunately following restart of the EAF further CO exceedances have been reported. Another significant plant failure during September (damper control system) was considered to be the main cause

of ongoing CO exceedances and confirmation that this has been repaired is awaited.

However, it is likely that there are other process issues that lead to CO exceedances, these include, trim delays, scrap type and scrap blends. During the audit completed on 4th October 2017 the issues were discussed in detail.

Celsa need to re-establish routine compliance with the emission limits through a combination of effective plant maintenance and appropriate process control and production strategies. Celsa have already been advised (CAR_NRW0032291) that depending upon the performance of the plant post repair of the damper system it may be necessary to initiate a formal investigation of CO releases.

Total of two Cat 3 non-compliances recorded.

EPR Compliance Assessment Report

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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	Operate within permit emission limits	31/10/2017
E1	C3	Operate within permit emission limits	31/10/2017

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.