

Compliance Assessment Report CAR_NRW0043553

Permit being assessed: BV0767IT.

For: Cardiff Section Mill EPR/BV0767IT, **held by:** Celsa Manufacturing UK Ltd

At: Section Mill Tremorfa Works , Cardiff, CF24 5TH.

Type of assessment: Report/Data Review,

Reason: Routine.

On: 31/12/2023.

Parts of permit assessed: Annual & Quarterly Returns 2023.

NRW Lead Officer: Dale Padfield.

Report sent to: Hannah Powell, Environmental Manager, on 22/02/2024.

1. Summary of our findings (full details in section 4)

Part of permitted activity assessed (compliance criteria)	Assessment result	Permit condition
IR4B - Information - Reporting	Assessed (A)	

Result types are explained in more detail in the 'Important Information' section below.

Total non-compliances recorded	Total non-compliance score
0	0

How we use the non-compliance score to calculate your annual fee is explained in the 'Important Information' section below.

2. What action is required?

No action required.

3. What will happen next?

Any non-compliance we have identified and recorded on this form is an offence. It can result in criminal prosecution and/or suspension or revocation of your permit.

At this time, we do not intend to take any further action.

This statement does not stop us from taking additional enforcement action if further relevant information comes to light or offences continue.

4. Details of our assessment

Celsa ~ Sections Mill

EPR/BV0767IT

This compliance assessment report details the annual and quarterly returns for 2023.

Annual Returns 2022, A2, EW1, R1, PI1.

Annual reports were received on time before the reporting deadline. Form A2 details the annual mass release of several pollutants, no limits apply to these figures. NO_x (as NO₂) Oxides of sulphur and particulate matter has decreased significantly on the 2022 figures, with CO₂ showing a small reduction.

EW1 – Delivered electricity has slightly increased on the 2022 figure and there was a significant increase in natural gas utilisation in 2023 compared to 2022. No figure for water has been provided on the form, please ensure water is included on future submissions. The water has been calculated from the figures provided in PI1 and shows an increase on the previous year.

R1 – Both hazardous and non-hazardous waste has seen a reduction in 2023, with the largest percentage of waste being recovered, only a small fraction was sent for disposal, which is an improvement on the previous year.

PI1 – Water supplied per tonne of rolled steel has increased dramatically, which continues a trend of decreased efficiency since 2018, Celsa should investigate why the volume of water used per tonne of steel has more than doubled since 2018. Oil used per tonne of rolled steel has seen a decrease and appears to be the most efficient year since 2019. NO_x and SO_x per tonne of rolled steel have both decreased and appear to be the lowest recorded since 2018 which is commendable.

Pc 4.1.4 Fugitive Emissions Review

The principal sources of fugitive emissions remain unchanged. Site reported no fugitive emissions during 2023, nor did NRW receive any complaints or information to suggest otherwise. The control measures in place appear to be satisfactory.

Pc 4.1.5 EMS Target Review Report

Gas – Celsa set a target of 429 kWh/tonne and reported a figure of 415.87 kWh/tonne. The site reported that the introduction of several sustainable practices helped achieve this KPI, as well the replacement of the recuperator heat transfer tube, improving the heat transfer between the exhaust gas and combustion air. A proactive approach to identifying holes and cracks within the furnace walls and roof has also been implemented, to aid in faster detection and repair.

Electricity – Celsa failed to meet this KPI, with a total of 90.79 kWh/tonne reported against a target of 84 kWh/tonne. Celsa reported that the sections mill energy consumption has been met with challenges during 2023, however the installation of LEDs and variable speed drives continues to be undertaken to improve the energy efficiency of the operation.

Oil – Celsa also fell short of meeting this KPI for 2023, a figure of 0.68 litres/tonne was reported against a

target of 0.6 litres/tonne. Several improvements were implemented including, refinement to the live trending and monitoring of oil use, real time oil level tracking and improved detection of oil losses through monitoring tank levels, oil pressures and oil temperatures.

Quarterly Emissions A1

Each quarterly emissions return was received on time. All reported emissions are below the relevant ELVs where ELVs apply, for the parameters that do not have an ELV, the emissions are within the expected range.

Pc 2.8.1 Accident Prevention Plan

Sites are required to submit a reviewed plan 2 yearly. The last one received was on 28th Jan 2022, the plan is due submission this year, please provide a copy once the review is complete.

End.

If you have any queries about this report, or to discuss completion of any actions, please contact the NRW Officer named above.

Important information

Legal status of this report

Your permit is issued to you under the Environmental Permitting Regulations. You have a responsibility to comply with the conditions of your permit and prevent pollution/harm of the environment. You must also ensure that you comply with any other relevant legislation that may apply to your site's operations.

This report explains the findings of our assessment and any action you are required to take. We categorise non-compliance using our guidance for assessing non-compliance at regulated sites.

When we find potential non-compliance/s we will normally give you advice on how to maintain compliance.

To correct non-compliance, we may:

- require you to take specific actions
- issue a notice
- review the conditions of your permit.

Any advice and guidance we give will be without prejudice to any other enforcement response that we consider may be required.

Assessment results and non-compliance categories (used in section 1):

Assessment result	Description
Assessed (A)	Assessed or assessed in part, no evidence of non-compliance found
Action only (X)	Action only relating to the activity assessment
Ongoing (O)	Ongoing non-compliance, not scored

Non-compliance category	Description	Score
C1 Major	Potential to have a major, serious, persistent and/or extensive impact or effect on the environment, people and/or property	60
C2 Significant	Potential to have a significant impact or effect on the environment, people and/or property	31
C3 Minor	Potential to have a minor or minimal impact or effect on the environment, people and/or property	4
C4 No environmental impact	Non-compliance at a regulated site that cannot foreseeably have any impact on the environment, people and/or property	0.1

How we use assessment scores

The number and severity of non-compliances recorded in a year will affect your annual subsistence fee the following year. A non-compliance factor is added to your site's Operator

Performance Risk Appraisal (OPRA) score when we calculate your fee to reflect the additional resource we use to assess permit compliance.

If your assessment result in Section 1 is suspended, what does this mean?

In line with our guidance, we may suspend scores for up to six months to allow time for remedial action to be taken. Suspended scores will be re-instated if the action is not completed.

Full list of Industry compliance criteria (used in section 1 and 2):

1. Management

- IR1A – General management
- IR1B – Finance (only applicable to Landfill)
- IR1C – Energy efficiency
- IR1D - Efficient use of raw materials
- IR1E - Avoidance, recovery and disposal of wastes produced by the activities
- IR1F - Multiple operator installations

2. Operations

- IR2A – Permitted activities
- IR2B – The site
- IR2C – Operating techniques
- IR2D – Technical requirements
- IR2E – Improvement programme
- IR2F – Pre-operational conditions
- IR2G – Landfill engineering (only applicable to Landfill)
- IR2H – Waste acceptance (only applicable to Landfill)
- IR2I – Leachate levels (only applicable to Landfill)
- IR2J – Closure and aftercare (only applicable to Landfill)
- IR2K – Landfill gas management (only applicable to Landfill)

3. Emission and Monitoring

- IR3A – Emissions to water, air or land
- IR3B – Emissions of substances not controlled by emission limits
- IR3C – Odour
- IR3D – Noise and vibration
- IR3E – Monitoring
- IR3F – Pests
- IR3G – Air quality management plans
- IR3H – Monitoring for the purposes of the Industrial Emissions Directive (this heading includes Large Combustion Plants)
- IR3I – Fire

4. Information

- IR4A – Records
- IR4B – Reporting
- IR4C – Notification

Enforcement response

Any non-compliance with a permit condition is an offence and we may take legal action against you. Action we take can include prosecution, serving a notice on you and/or

suspension or revocation of your permit. See our Enforcement and Sanctions Guidance for further information.

Data protection notice

You should make sure that anyone named in this report knows that the information it contains will be processed by Natural Resources Wales to fulfil its regulatory and monitoring functions and to maintain the relevant public register(s).

We may also use and/or disclose the report in connection with:

- offering or providing you with our literature or services relating to environmental matters
- consulting with the public, public bodies and other organisations (e.g. 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 our service
- Freedom of Information Act or Environmental Information Regulations requests.

We may also pass it on to our agents or representatives to do these things on our behalf.

Disclosure of information – this report will be available to view on-line

If you think this report contains commercially confidential information that should not be placed on our public register, you must contact your local Natural Resources Wales office within **fifteen working days** of receiving this report, using the contact details in the accompanying email or letter. You must give a full explanation of why it should not be added to our public register, including specifying which information is commercially confidential. We will assess your request and respond to you within twenty working days to let you know if we agree to your request.

What do I do if I disagree with the report or have a complaint?

If you disagree with this compliance assessment report, you should contact the lead officer without delay to discuss your concerns.

If you are unable to resolve the issue with the lead officer or their line manager you should contact our Customer Contact team on 0300 065 3000 (Monday to Friday 08:00 to 18:00), or email enquiries@naturalresourceswales.gov.uk for details of how to raise your dispute further through our Complaints and Commendations procedure.

If you are dissatisfied with our response, you can contact the Public Services Ombudsman for Wales by phone on 0300 7900203 or by email at ask@ombudsman.wales

Welsh Language Standards

We are committed to establishing Natural Resources Wales as a naturally bilingual organisation. We will provide compliance reports in your preferred language.