

Compliance Assessment Report CAR_NRW0049519

Permit being assessed: SP3936TL.

For: The Research Centre, **held by:** Cenin Limited

At: Unit 1 Former Stormydown Aerodrome , Pyle, BRIDGEND, Mid Glamorgan, CF33 4RS.

Type of assessment: Audit,

Reason: Routine.

On: 23/09/2025 between 10:15 and 12:30.

Parts of permit assessed: Energy Efficiency .

NRW Lead Officer: Lewis Evans.

Report sent to: Company Secretary, Business Manager, on 01/10/2025.

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

Part of permitted activity assessed (compliance criteria)	Assessment result	Permit condition
IR1A - Installations - Management - General Management	Assessed (A)	
IR1C - Installations - Management - Energy Efficiency	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

Cenin Limited

EPR-SP3936TL

Energy Efficiency Audit – 23rd October 2025

Natural Resources Wales (NRW) officer Lewis Evans conducted an energy efficiency audit at Cenin Limited, hereafter referred to as Cenin, on the 23rd of October 2025. At the visit, the Business Manager, Compliance Manager and the Management Trainee.

Site Update

There are no major updates at present, but the site continues to make steady progress in its sustainability and operational goals. Currently, three electric vehicles are in use on site, supporting low-emission transport and contributing to the organisation's broader environmental objectives. There are ongoing discussions about attending the MAN Conference in Munich, which is expected to provide valuable insights into emerging technologies and best practices in sustainable logistics. The electric lorries currently in operation offer a range of approximately 580 kilometres, which has proven effective for regional transport needs. To further enhance efficiency, consideration is being given to introducing a heavy goods vehicle (HGV) on site, which would support larger-scale movement of materials and reduce reliance on external haulage. Hydrogen fuel is also being explored as a potential future energy source, although this remains at an early stage of evaluation.

In terms of materials management, the site is actively looking to reduce its dependence on virgin raw materials by increasing the import of waste-derived inputs. This shift would not only lower the volume of raw materials required but also significantly reduce the amount of waste sent to landfill, aligning with circular economy principles and improving resource recovery. All energy used on site is sourced from renewable energy providers, i.e. wind turbine, solar panel field, tesla battery storage and the Anaerobic digestion site opposite the site, thus ensuring that operations remain low-carbon and environmentally responsible. Additionally, any equipment that fails or requires replacement is substituted with the most energy-efficient option available, reinforcing the site's commitment to continuous improvement and sustainability.

Energy management at the site is robust and continues to evolve in line with sustainability objectives. While no formal internal or external energy audits have been conducted, customers are shown the Environmental Aspects Register as evidence of the site's net zero status.

Energy consumption spans across multiple operational areas including offices, workshops, production facilities, weighbridge, laboratories, production and transport offices, and the factory floor. Importantly, the site does not import any electricity from the national grid and is fully self-sufficient, powered by a combination of wind, solar, anaerobic digestion (AD), and supported by Tesla battery storage with a capacity of 600MW. The tesla battery allows site to continue to operate in times of no power generation. This infrastructure ensures that the site will not need to rely on grid electricity in the future. Oversight of energy use and efficiency is the responsibility of the Business Manager, who

promotes awareness and best practices through regular team meetings and toolbox talks, including practical tips for reducing energy consumption.

The Environmental Aspects Register, maintained by Cenin Limited, highlights several initiatives that have contributed to improved energy performance. All electricity used on site is generated from on-site renewable sources. The solar capacity has recently been expanded with the addition of approximately 160 panels over an 800m² area, supplementing the existing 3,000 panels, an upgrade that may have contributed to the observed reduction in energy usage. Fire safety plans have been updated, and traditional lighting has been replaced with energy-efficient LED alternatives. The site also offers free electric vehicle charging for workers and visitors, and while HGV charging is being considered, implementation is pending further technological development. Offices and workshops share the same renewable electricity supply. Import and export data is recorded in the IMS01-01 Environmental Aspects Register. Operational adjustments have also been made to improve energy efficiency, such as temporarily shutting down the mill and switching to on-site sieving, which consumes less energy. The mill will be reinstated as needed to support business continuity. Additionally, the site maintains an Environmental Product Declaration to support transparency and demonstrate its commitment to sustainable practices.

An improvement plan for the site is documented and maintained, with specific actions and target dates outlined. This plan, provided by the business manager, captures the ongoing and planned enhancements across various operational areas, supporting the site's commitment to continuous improvement in energy efficiency, environmental performance, and business continuity. The document serves as a working reference for tracking progress and ensuring accountability for sustainability goals. The site uses around 500Mwh of energy per year, which is produced by 100% renewables as mentioned above. In 2024 the usage dropped significantly due to the mill not being used on site. However, the site still has the mill on site in case there is a need to mill down materials.

While the site has already achieved a high level of energy efficiency and environmental performance, there are still areas being actively explored for further improvement. Although opportunities are limited due to the advanced systems already in place, the team remains committed to continuous development. A new product range is currently in progress and will be accompanied by a dedicated Environmental Product Declaration (EPD) to ensure transparency and alignment with sustainability standards. The site is also actively seeking to incorporate more waste-derived materials into its processes, further reducing reliance on virgin inputs. The potential introduction of an electric HGV truck remains under consideration, pending advancements in technology. Across all operations, the site continues to prioritise the use of the most energy-efficient products available. Additionally, EPDs are being provided to customers to highlight energy-saving methods and demonstrate the environmental benefits of the products offered.

The site remains a front-runner in sustainable operations, powered entirely by on-site renewable energy with zero reliance on the grid. Energy use is carefully managed across all areas, with oversight from the Business Manager and ongoing staff engagement. Continuous improvements are tracked through a formal plan, and recent upgrades such as expanded solar capacity, LED lighting, and EV charging have reduced energy consumption. Environmental Product Declarations and the Aspects Register provide transparency to customers. While further improvements are challenging, the site is actively exploring new product ranges, increased use of waste materials, and future EV HGV integration.

Improvement Condition

The site has successfully completed its waste improvement condition, with all six required tests now carried out. All results have returned as non-hazardous. In the event that any future batch is identified as hazardous, either through external or on-site testing, Cenin will return the material to the supplier. Consistency in the imported materials is critical for the production at Cenin, as any variation could impact product quality. The completion of this condition reflects the site's commitment to maintaining high standards in waste management and product integrity. As per the email sent to the business manager on the 23rd September 2025.

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.