

Compliance Assessment Report for:

STANDALONE MEDIUM COMBUSTION PLANT AND SPECIFIED GENERATORS

Permit number	PAN005141	Operator name	Newbridge Energy Ltd
----------------------	-----------	----------------------	----------------------

Site name	Newbridge Energy Ltd
Site address	Brickfield Lane, Denbigh Road, Ruthin, Denbighshire, LL15 2TN
Type of assessment	Site inspection & report review

Date of assessment	10.05.22	Time in	13:30	Time out	15:30
---------------------------	----------	----------------	-------	-----------------	-------

Parts of permit assessed	Site inspection & report review
---------------------------------	---------------------------------

NRW Lead officer	Jamie Blythin	Accompanied by	Stuart Ross
Report sent to – Name and position	Peter Mills	Date	06.07.22

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

Part of permitted activity assessed (use action criteria below)	Assessment result	Permit condition
A1 Specified by permit	A - Assessed, no evidence of non-compliance	
F1 Amenity – Odour	A - Assessed, no evidence of non-compliance	
E1 Emissions – Air	A - Assessed, no evidence of non-compliance	
F3 Amenity – Dust/fibres/particulates and litter	A - Assessed, no evidence of non-compliance	
Choose an item.	Choose an item.	

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

Total number of non-compliances recorded
0

2. What action is required?

Criteria	Action needed	Complete by
C2	ACTION1-Action only- Address comments 1-4 and submit an updated procedure for moisture sampling of CHP fuel to NRW for review by the date specified.	08.08.22

Action criteria codes are listed in the 'Important information' section below.

3. What will happen next?

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

4. Details of our assessment

This was a routine compliance assessment inspection.

The Combined Heat and Power (CHP) unit (NB1) was operational at the time of the inspection. The plume was barely visible and there were no odour or dust issues identified on site.

The operator explained that they have decided to accept only virgin wood (wood chips & whole tree chip) to use as fuel for NB1. This fuel is stored in uncovered bays outside before being mixed. This fuel mix is then stored undercover in NB4 until it is utilised in NB1.

This fuel appeared dry and free of visible contamination.

Following this inspection, Natural Resources Wales (NRW) issued a permit variation to the operator on 11.05.22. This variation permits the operation of a second 5.2Mth combined heat and power unit (NB4). It should be noted that this unit (NB4) was not operational during the site inspection on 10.05.22 and the operator does not intend to bring this unit into operation until 2023.

The permit variation requires the operator to complete Improvement Condition 1 (IC1). IC1 requires the operator to submit a report to NRW detailing the full procedure for measuring moisture content of the fuel for use in activity references AR1 and AR2 in Table S1.1 within one month of the permit variation being issued.

The operator submitted the following document to NRW on 09.06.22

'SOP015 Issue 3,09/06/22-Moisture sampling of CHP fuel.'

NRW has reviewed the document referenced above and has the following comments:

- 1- More detail is required to explain what methodology will be used to ensure representative samples are taken throughout the moisture monitoring process (p2)
- 2- The report does not list the specification for the moisture analyser or the methodology for using it
- 3- More detail is required in relation to roles, responsibilities and training of staff involved with the moisture monitoring process
- 4- The report does not explain contingency measures- what happens if the fuel mix does not meet the CHP manufacturer's specification for moisture content?

Although largely acceptable, at present, NRW can't approve the following document 'SOP015 Issue 3,09/06/22-Moisture sampling of CHP fuel' until the comments above have been addressed.

ACTION1- Action only- Address comments 1-4 and submit an updated procedure for moisture sampling of CHP fuel to NRW for review by the date specified.

--

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

Full list of Industry and Waste action criteria (used in section 1 and 2):**A: Permitted activities**

- A1 Specified by permit

B: Infrastructure

- B1 Infrastructure – Engineering for prevention and control of emissions
- B2 Infrastructure – Closure and decommissioning
- B3 Infrastructure – Site drainage engineering (clean and foul)
- B4 Infrastructure – Containment of stored materials
- B5 Infrastructure – Plant and equipment

C: General management

- C1 General management – Staff competency/training
- C2 General management – Management system and operating procedures
- C3 General management – Materials acceptance
- C4 General management – Storage, handling, labelling and segregation

D: Incident management

- D1 Incident management – Site security
- D2 Incident management – Accidents, emergency and incident planning

E: Emissions

- E1 Emissions – Air
- E2 Emissions – Land and groundwater
- E3 Emissions – Surface water
- E4 Emissions – Sewer
- E5 Emissions – Waste

F: Amenity

- F1 Amenity – Odour
- F2 Amenity – Noise
- F3 Amenity – Dust/fibres/particulates and litter
- F4 Amenity – Pests/birds and scavengers
- F5 Amenity – Deposits on road

G: Monitoring and records, maintenance and reporting

- G1 Monitoring and records, maintenance and reporting – Monitoring of emissions and environment
- G2 Monitoring and records, maintenance and reporting – Records of activity, site diary/journal/events
- G3 Monitoring and records, maintenance and reporting – Maintenance records
- G4 Monitoring and records, maintenance and reporting – Reporting and notification to Natural Resources Wales

H: Resources efficiency

- H1 Resource efficiency – Efficient use of raw materials
- H2 Resource efficiency – Energy efficiency

Enforcement response

Any permit condition non-compliance 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 20 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 – 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.