

	EPR Compliance Assessment Report	Report ID: HP3737UE/0249940		
This form will report compliance with your permit as determined by an NRW officer				
Site	Severn Power Station EPR/HP3737UE		Permit Ref	HP3737UE
Operator/ Permit holder	Siemens plc			
Date	15/10/2015	Time in		Out
What parts of the permit were assessed	Monitoring, AST review, Emissions			
Assessment	Audit	EPR Activity:	Installation: X	Waste Op: Water Discharge:
Recipient's name/position	Huw Edwards			
Officer's name	Toby Griffiths		Date issued	15/10/2015

Section 1 - Compliance Assessment Summary

This is based on the requirements of the permit under the Environmental Permitting Regulations. A detailed explanation and any action you may need to take are given in the "Detailed Assessment of Compliance" (section 3). 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			Condition(s) breached
a) Permitted activities	1. Specified by permit	N	
b) Infrastructure	1. Engineering for prevention & control of pollution	N	
	2. Closure & decommissioning	N	
	3. Site drainage engineering (clean & foul)	N	
	4. Containment of stored materials	N	
	5. Plant and equipment	N	
c) General management	1. Staff competency/ training	N	
	2. Management system & operating procedures	N	
	3. Materials acceptance	N	
	4. Storage handling, labelling, segregation	N	
d) Incident management	1. Site security	N	
	2. Accident, emergency & incident planning	N	
e) Emissions	1. Air	A	
	2. Land & Groundwater	N	
	3. Surface water	N	
	4. Sewer	N	
	5. Waste	N	
f) Amenity	1. Odour	N	
	2. Noise	N	
	3. Dust/fibres/particulates	N	
	4. Pests, birds & scavengers	N	
	5. Deposits on road	N	
g) Monitoring and records, maintenance and reporting	1. Monitoring of emissions & environment	A	
	2. Records of activity, site diary, journal & events	N	
	3. Maintenance records	N	
	4. Reporting & notification	A	
h) Resource efficiency	1. Efficient use of raw materials	N	
	2. Energy	N	

KEY: C1, C2, C3, C4 = CCS breach category (* suspended scores are marked with an asterisk),
A = Assessed (no evidence of non-compliance), N = Not assessed, NA = Not Applicable, O = Ongoing non-compliance – not scored

Number of breaches recorded	0	Total compliance score (see section 5 for scoring scheme)	0
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If the Total No Breaches is greater than zero, then please see Section 3 for details of 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 (e.g. 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 suspended or consolidated scores.
- details of advice given
- any other areas of concern
- all actions requested
- any examples of good practice.
- a reference to photos taken

This report should be clear, comprehensive, unambiguous and normally completed within 14 days of an assessment.

6 monthly reports and Annual Surveillance Test (AST)

- Form Air 2 (Jan to June 2015) received on 23rd July 2015
- Results were compliant with permit conditions.

- **Annual Surveillance Test (AST)**

A report was received on 23rd July 2015. This report has been reviewed by the NRW Air Quality Modelling team. The following comments are made:

- On the title page, the function of the report approver (M Davies) is missing
- **Section 1.B** - in Tables 1.1 and 1.2, in addition to statement regarding calibration functions being valid as long as no adjustments are made, an additional statement is needed, saying "*and as long as the QAL3 data remains within control limits*" (QAL3 data being the ongoing zero and span calibrations of the CEM unit).
- **Section 2.2** - there is some information missing regarding the process type and variation. This includes no statement to confirm whether process is batch or continuous; no review of historical data or any other factors that could affect results; no mention of expected emissions/variations; no checks on CEMs readings zero.
- Also no mention of any abatement in Section 2.2.
- **Section 2.3** – no mention of the number of sampling ports, or their location (although there is a photo, it is not clear where the sampling ports are).
- **Section 2.3.1** – regarding homogeneity testing, there is a statement saying that both exhaust stacks have been tested for homogeneity, and both have passed as per the requirements of the designated standard BS EN 15259. It would be useful if the consultant could add a reference to the report where the results of this test were performed. Also this statement regarding homogeneity should actually be located in Section 2.3.2.
- **Section 2.3.2** – it states that it was not possible to measure the average flow conditions or determine the flow stability requirements of the designated standard BS EN 13284. This raises the question of how it would be possible to check compliance to BS EN 15259 (homogeneity) as for this compliance check, you would need to measure concentrations over grid measurements representatively spread across the sampling plane. Obviously if there are physical restrictions to follow this or the stack dimensions are such that it is not possible, the test consultant would have to note this as a monitoring deviation, which would then have to be stated in the designated section of that particular monitoring report. There was no mention of any deviation from BS EN 15259 in this report. This adds even more reason to have a report reference to the homogeneity testing report.
- **Section 2.4** – No statement regarding whether moisture is also measured (the moisture is actually measured by the CEM unit, as is recorded later on in the AST measurements, but this needs to be stated in Section 2.4).
- **Section 2.4** – Require a sentence stating QAL1 compliance of the CEM unit undergoing the AST. There is a statement of MCERTS certification, but this needs to be linked to QAL1 compliance.
- **Part 5 Results of the Functional Tests** – As part of the functional tests, a leak check has to be carried out on the entire CEM sampling system, according to the CEMS manual. The result of the leak check on the CEM undergoing the AST was that no significant leakage was detected. It was be useful if the consultant could state the allowable leak stated in the CEM manual, and the actual result of the leak check during the AST.
- **Annex 2 Service Reports** – during the calibration/linearity tests, the applied concentrations should be logged onto a DAHS (Data Acquisition Handling System) to prove the complete system (i.e. the concentration

applied to the instrument is represented to the instrument output and identical to the value logged on the DAHS). DAHS logged values should be included in the instrument service report (Annex 2). However, these values could not be found in this part of the report.

Please could you pass these comments to the consultant (ESG) and provide a response to the above queries by **27th November 2015**.

END

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Section 3- Enforcement Response	Only one of the boxes below should be ticked
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.	
Other than the provision of advice and guidance, at present we do not intend to take further enforcement action in respect of the non-compliance identified above. This does not preclude us from taking enforcement action if further relevant information comes to light or advice isn't followed.	☐
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.	☐
We will now consider what enforcement action is appropriate and notify you, referencing this form.	☐

Section 4- Action(s)			
Where non-compliance has been detected and an enforcement response has been selected above, this section summarises the steps you need to take to return to compliance and also provides timescales for this to be done.			
Criteria Ref.	CCS Category	Action Required/Advised	Due Date
See Section 1 above			

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 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 which 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 fulfill 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 (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 and taking any resulting action
- preventing breaches of environmental law
- assessing customer service satisfaction and improving its service
- Freedom of Information Act/Environmental Information 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 twenty 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 the officer's line managers. 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.