

Compliance Assessment Report

Report ID:
CAR_NRW0032835

This form will report compliance with your permit as determined by an NRW officer

Site	Newport Semiconductor Plant EPR/BV7460ID	Permit Ref	BV7460ID		
Operator/Permit holder	International Rectifier Newport Limited				
Regime	Installations				
Date of assessment	25/01/2018	Time in	N/A	Out	N/A
Assessment type	Report/Data Review				
Parts of the permit assessed	4.1.3 Annual Performance Reports; 4.1.4 Annual Fugitive Emission Review; 4.1.5 Review of Annual EMS Targets				
Lead officer's name	Green, Rebecca				
Accompanied by					
Recipient's name/position	Andrew Cade/ Environment, Health & Safety Manager	Date issued	06/02/2018		

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
A1 - Specified by permit	A	
C2 - General Management - Management system and operating procedures	A	
E1 - Emissions - Air	A	
E4 - Emissions - Sewer	A	
E5 - Emissions - Waste	A	
G1 - Monitoring and Records, Maintenance and Reporting - Monitoring of emissions and environment	A	
G4 - Monitoring and Records, Maintenance and Reporting - Reporting and notification to Natural Resources Wales	A	
H1 - Resource Efficiency - Efficient use of raw materials	A	
H2 - Resource Efficiency - Energy efficiency	A	

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	0	Total compliance score (see section 5 for scoring scheme)	0
------------------------------------	----------	---	----------

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

The annual reporting forms were received on 25th January 2018. They refer to the 2017 calendar year, differing from Newport Wafer Fab's (NWF) own financial year which runs from 1st July to 30th June. Remarks made below may therefore differ from those in NWF's internal reports for the financial year, due to this difference in time periods.

All reports are satisfactory and are accepted.

Form S1, Emissions to Sewer, 1st July to 31st December 2018

All discharges were within their respective limits.

Form E1, Energy Usage, 2017

Primary energy use, and thus CO₂ generation, fell slightly when compared with 2016. There was a reduction of almost 8% in the amount of CO₂ generated per square metre (m²) of production. This is an encouraging result.

Form WU1, Water Usage, 2017

Overall use increased slightly, but use per m² of production fell slightly.

Form R1, Waste Disposal and Recovery, 2017

This year all dry hazardous waste and all non-hazardous waste was sent for recovery, primarily for incineration and energy recovery. Last year 21.7tonnes in total were sent to landfill, so this is a significant reduction. The amount generated per m² was similar to 2016.

The amount of hazardous liquid waste sent for disposal fell by 3% and the amount sent for recovery increased by 21%, however the amount generated per m² increased by ~20%.

All non-hazardous waste was sent for recovery and the amount generated per m² was 16% less than in 2016.

The total amount of waste generated per m² was about the same as in 2016, but the amount sent for disposal fell by almost 70% and the amount sent for recycling increased by almost 7%.

Production Output, 2017

This increased by nearly 4% compared with 2016.

4.1.4 Fugitive Emissions, 2017

Solvent waste increased in 2017 due to process changes, but NWF estimate that fugitive emissions have remained constant at 5% of solvent usage.

4.1.5 Progress against EMS Targets for FY 2017

Once again, all NWF's EMS targets have all been met or exceeded and they should be congratulated for continuing to set challenging and meaningful targets and achieving them. This has not been an easy year for NWF, making these results even more noteworthy.

END.

--

EPR Compliance Assessment Report

Report ID:
CAR_NRW0032835

This form will report compliance with your permit as determined by an NRW officer

Site	Newport Semiconductor Plant EPR/BV7460ID	Permit Ref	BV7460ID
Operator/Permit holder	International Rectifier Newport Limited	Date	25/01/2018

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.

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			

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.