

Compliance Assessment Report

Report ID:
CAR_NRW0031163

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	02/02/2017	Time in	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/ Staff Engineer, Environmental H&S	Date issued	20/02/2017

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
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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 2nd February 2017. They refer to the calendar year 2016, differing from International Rectifier Newport's (IRN) own financial year which runs from 1st July to 30th June. Comments given below may therefore differ from those in IRN internal reports for their financial year, due to the different time periods.

All the reports are satisfactory and are accepted.

Form S1, Emissions to Sewer, 1st July to 31st December 2016

All emissions were less than their respective ELVs. The chemical oxygen demand value was unusually high and it would be useful for IRN to try to identify the reason. The suspended solids concentration was also a little higher than usual.

Form E1, Energy Usage, 2016

Primary energy usage and thus CO₂ production were less than in 2015. CO₂ production and CO₂ produced per unit of production were the lowest since 2006, despite an increase in production volumes. Primary energy use fell by more than 10% and CO₂ produced per unit of production by more than 6%.

Form WU1, Water Usage, 2016

Water consumption on site has been falling steadily over the years and the use per unit of production fell by 14% again in 2016, compared with 2015.

Form R1, Waste Disposal and Recovery, 2016

Solvent waste was about the same as in 2015, all of which was sent for recovery.

Overall, IRN generated 2.5% less total waste than in 2015 and slightly less waste per unit of production. Their major achievement in 2016 was to send all non-hazardous waste for recovery, none went to landfill. In 2015 4.64tonnes of non-hazardous waste were sent to landfill. This is a significant achievement and IRN should be commended for it.

Production output, 2016

This was slightly lower than in 2015.

4.1.4 Fugitive Emissions 2016

Solvent usage was similar to that in 2015 but total chemical usage has fallen by 6%, so the likelihood of fugitive emissions has been further reduced by these process improvements.

The method of collecting and discharging waste solvent has not changed and IRN calculate that fugitive emissions from these operations are less than 5% of the total volume of solvent.

4.1.5 Progress against EMS targets for FY 2016

Once again, all the targets set have been exceeded. Energy and water consumption have both fallen. The results are even more notable when compared with the previous calendar year. The aim of reducing non-hazardous waste sent to landfill has been exceeded; IRN did not send any non-hazardous waste to landfill in

2016.

IRN continually demonstrate their commitment to reducing resource consumption and waste production in the most practical ways and are once more to be congratulated on their determination to minimise their impact on the environment while maintaining a healthy business.

END.

EPR Compliance Assessment Report

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Operator/Permit holder	International Rectifier Newport Limited	Date	02/02/2017

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.

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.

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.