

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

Site	Tata Steel Port Talbot steelworks		Permit Ref	BL7108IM (as amended)		
Operator/ Permit holder	Tata Steel UK Ltd					
Date	30 June 2015		Time in	N/A	Out	N/A
What parts of the permit were assessed	Notification under permit condition 4.3.1a - see below Quarter 2 2015: S5N/15/06, S5N/15/07					
Assessment	Check Monitoring/sampling	EPR Activity:	Installation	X	Waste Op	Water Discharge
Recipient's name/position	Jason Heatman and Jamie-Ross Landeg, Safety, Health & Environment (SHE) Department					
Officer's name	Douglas Cowie		Date issued	15/01/2016		

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

Permit Conditions and Compliance Summary	Condition(s) breached		
a) Permitted activities	1. Specified by permit	A	
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	A	
	3. Materials acceptance	N	
	4. Storage handling, labelling, segregation	N	
d) Incident management	1. Site security	N	
	2. Accident, emergency & incident planning	A	
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	A	
	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	A	
	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 or assessed in part (no evidence of non-compliance), N = Not assessed, NA = Not Applicable

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

Site description

Tata Steel UK Ltd (Tata) operates an integrated iron and steelworks at Port Talbot, Neath Port Talbot. The site is permitted as an installation under the Environmental Permitting Regulations (EPR). The steelworks has several identifiable permitted processes which are carried out sequentially across the installation to convert raw iron ores and coal to semi finished (slab) and finished steel products (such as hot rolled, pickled and oiled, cold rolled and annealed). The permit also covers coke making and the reception, stockpiling and blending of raw iron making materials. Two other companies, Cambrian Stone and Harsco, undertake separately-permitted slag handling and iron plating activities at the steelworks on Tata's behalf.

Purpose of visit/assessment

Condition 4.3.1(a) of permit BL7108IM requires the operator to inform Natural Resources Wales (NRW) in the event that the operation of the (permitted) activities gives rise to an incident or accident which significantly affects or may significantly affect the environment.

Condition 4.3.2 specifies that any information provided under condition 4.3.1 where the information relates to the breach of a limit specified in the permit, shall be confirmed by sending the information listed in Schedule 5 to this permit within the time period specified in that schedule.

Schedule 5 of the permit outlines the information that the operator must provide and is divided into Part A and Part B. The schedule provides a framework/template for informing and/or notifying NRW in accordance with the requirements of condition 4.3.1(a), (b) or (c).

The following operator notifications have been received concerning breaches/exceedances, incidents or accidents which occurred or were notified to us during **Quarter 2 2015** (01 April – 30 June):

1. **S5N/15/06** received on 24/06/15 – Secondary Steelmaking cooling tower fire
2. **S5N/15/07** received on 29/06/15 – Blast Furnace No.5 (release of BFG)

Compliance assessment

1. **S5N/15/06A:** Schedule 5 Part A received 24 June 2015 (by email). **Condition 4.3.1(a)** Particulate and fume release following a fire at the Secondary Steelmaking plant

Start time	End Time
23/06/2015 11:25	23/06/2015 12:00 (approx.)

No emission limit values (ELVs) apply to fugitive emissions from Secondary Steelmaking

Part A operator comment: *During maintenance on the RD degasser cooling tower, there was a fire on the cooling tower itself resulting in release of visible smoke.*

The operator subsequently provided a Schedule 5 Part B notification containing the following additional information and representations in relation to this event:

At approximately 11:25hrs on the 23rd June 2015, a fire occurred on the RD Degasser Cooling Tower. At the time there was fibre glass activity taking place in the cooling tower basin and welding activities nearby.

The investigation has highlighted the fibreglass activity involved the use of flammable substances and it is believed that a flammable substances or atmosphere (by way of vapours) inside the basin were ignited. The ignition source was likely to be a spark from welding activated. The tower was completely destroyed leaving only the basin in situ. No-one was injured in the incident and was not RIDDOR reportable.

The employees working on the tower attempted to extinguish the flames but were unable to do so. The vacated the cooling tower basin, informed all in the area to evacuate and make their way to the Emergency Assembly point. The alarm was raised with Works Protection who raised the external services. The Mid & West Wales Fire Service, Hazardous Area Response Team (HART, from Welsh Ambulance Service) and Police. The Mid & West Wales Fire Scene Commander took control of the scene who extinguished the fire.

The immediate causes that led to the fire were

- *Flammable Material brought on site and present whilst hot work being carried out*
- *Poor Control of working Parties*
- *Poor planning*

Overall there were systemic failures in many of Tata Steel's Health and Safety Management System Principles.

A full Management Investigation was undertaken which identified root causes and a number of measures have been identified in that report to prevent recurrence of the event such as changes to Control of Hot Work operations, improvements to planning, the permitting process and method statements.

The Health and Safety Executive (HSE) is leading an ongoing investigation into this event. NRW awaits the conclusions from this investigation. Should any EPR compliance issues be identified, this will be assessed and recorded in a separate CAR form.

2. **S5N/15/07A:** Schedule 5 Part A received 29 June 2015 (by email). **Condition 4.3.1(a)**
Release of >500kg of Blast Furnace Gas (BFG) from the downcomer at Blast Furnace No.5

Start time	End Time
24/06/2015 23:30	Leak persisted until No.5 Furnace brought off-wind over the following days

No emission limit values (ELVs) apply to fugitive emissions/releases from Blast Furnace No. 5

Part A operator comment: *On Wednesday 24th June, a Blast Furnace Gas release was detected at the top of the U seal between the dust catcher and the wash tower in number 5 Blast Furnace. The blast furnace was taken off-wind in order to carry out repairs.*

NRW has not received any Schedule 5 Part B information from the operator for this exceedance. We have however taken part in a joint investigation into this incident with inspectors from the Health and Safety Executive (HSE) during September 2015. The release of BFG was notified to the HSE under RIDDOR* as a dangerous occurrence. NRW's findings from its joint investigation with the HSE have been detailed in **CAR form 6037**.

The operator has confirmed that a completed Process Safety report for the incident is necessary before the Part B information can be compiled and submitted to NRW.

As a result of our assessment of this event and other related incidents and occurrences at Port Talbot steelworks during 2015, we have provided guidance regarding the reporting requirements for permit BL7108IM in **CAR form 5937**. This includes the interpretations for 'pollution' as defined in the EPR 2010 and the definitions of RIDDOR dangerous occurrences. This guidance may aid the consistent reporting of future notifiable events.

[ENDS]

*RIDDOR: *Reporting of Injuries, Diseases and Dangerous Occurrences Regulations 2013. Schedule 2 of the Regulations defines 'dangerous occurrences' which are notifiable under RIDDOR.*

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

Site	Tata Steel Port Talbot steelworks	Permit	EPR/BL7108IM
Operator/ Permit	Tata Steel UK Ltd	Date	15 January 2016

Section 3- Enforcement Response **Only one of the boxes below should be ticked**

<p>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.</p>	
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.	n/a
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.	n/a
We will now consider what enforcement action is appropriate and notify you, referencing this form.	n/a

Section 4- Action(s)

Where a 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			
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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 Natural Resources Wales (NRW) to fulfill its regulatory and monitoring functions and to maintain the relevant public register(s). 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.

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

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) 601 0987**.