

Compliance Assessment Report

Report ID:
CAR_NRW0023740

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

Site	Whitchurch Salt Slags EPR/VP3030BX		Permit Ref	VP3030BX		
Operator/Permit holder	Befesa Salt Slags Ltd					
Regime	Installations					
Date of assessment	21/06/2016		Time in	10:00	Out	14:00
Assessment type	Audit					
Parts of the permit assessed	All					
Lead officer's name	Kelk, Matthew					
Accompanied by						
Recipient's name/position	Adrian Platt/ Managing Director		Date issued	13/09/2016		

Section 1 – Compliance Assessment Summary

This is based on the requirements of the permit under the Environmental Permitting Regulations. 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
B1 - Infrastructure - Engineering for prevention and control of emissions	A	
B3 - Infrastructure - Site drainage engineering (clean and foul)	A	
C4 - General Management - Storage, handling labelling and Segregation	A	
E1 - Emissions - Air	A	
F1 - Amenity - Odour	A	
F2 - Amenity - Noise	A	
F3 - Amenity - Dust/fibres/particulates and litter	A	
F5 - Amenity - Deposits on road	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

An inspection was carried out at Befesa Salt Slags Whitchurch on 21 June 2016 by Natural Resources Wales Officer Matthew Kelk.

The following issues were discussed as outlined below:-

New Staff

The site has now employed a full time HSQE Manager - contact details of new manager to be forwarded to NRW site regulatory officer.

Loading Tunnels

Plans were shown for the new loading tunnels which will be situated adjacent to the aluminium oxide storage shed. Some adjustments are being made for height to the plans, these are currently with the design consultant. Plans will be forwarded to Wrexham County Borough Council for planning approval in July 2016 and group capex approval in November 2016. Installation planned for early 2017. The installation of the loading tunnels will require a variation to your environmental permit.

Wardell Storage Shed

Site are investigating replacing the Wardell shed where 'aged' aluminium oxide is stored prior to further transport in bulk. Plans are to build a new purpose built shed closer to the operational site. Plans due in imminently. As well as storing aluminium oxide in the Wardell shed, Befesa are also storing raw material. This is under a time limited agreement from NRW which has expired.

Action

Befesa to request extension for approval to store raw material in the Wardell shed by 11 August 2016.

Scrubber pH Probes

pH probes are still in the commissioning stage, the site are looking into calibration drift on the probes. Whilst commissioning the site are still using litmus papers to test the pH of the scrubber medium. The system will have the ability to data log for 30 days with an archive system. The probes will have an alarms function if the medium pH goes above 3. Site were quizzed where the alarms would be fitted for maximum visibility. These will be in a prominent position on site, so that the pH can be adjusted immediately.

Reactor Bubbler Overflow System

Following request by NRW at the previous audit Befesa are investigating improving the bubbler overflow system which is used to ensure that there is an adequate liquid gas seal to prevent fire risk/explosion in the reactors, as this may be a source of fugitive ammonia. Befesa are looking at the possibility of a sealed sight glass unit on this system which will be fitted in the July 2016 shutdown.

Action

Confirm installation of sight glass when complete.

LEV Extraction Rate, Interim Oxide Storage Shed

Befesa are looking at improving the extraction rate of the LEV on the interim oxide storage shed. The extraction hood currently extracts close to the roof of the interim storage shed. An extraction hood is to be installed closer to the pile of stored oxide allowing greater extraction of the ammonia being emitted from this material. This is to be installed during the July 2016 shutdown.

If needed this could lead to the installation of new larger scrubber, which would have a knock on effect that fugitives from the chemical plant could be better controlled as well.

Action

Confirm installation of lowered hood when complete.

LEV Extraction, Belt Filter Press

An upgraded LEV extraction hood is being fitted to the belt filter press. The hood will extend further along the belt filter press and allow greater extraction and consequently minimise fugitives from this area. Works were on-going whilst on site.

Action

Confirm installation of extended LEV hood when complete.

SUDS System

The proposed SUDS system project is progressing, there is the possibility of installing a water treatment system to the SUDS. Plans are on-going and proposals will be sent to NRW in the near future. It is envisaged that this scheme will fall entirely outside the permitted boundary, so will be dealt with by NRW water quality team rather than the Industry Regulation team.

Ammonia Monitoring on Milling LEV Stack

As requested by NRW, Befesa are carrying out ammonia monitoring on the emissions to air from stack A1 to ascertain concentration levels. Due to the reactivity with water of the residual dust in the air sample Befesa are in discussions with the monitoring company to find a suitable testing method. This is to be tested in the next few weeks and then results will be forwarded to NRW.

EU Bref Review

Discussions were held around the imminent release of the BAT conclusions document from the EU Non Ferrous Metals Bref Note review. It has been established by NRW that this Bref note review will trigger a permit review due to the likelihood that the Inorganics Chemicals Bref note may not be reviewed.

All EPR A1 non ferrous metal sites regulated by NRW falling under this BREF note will be imminently issued with a Regulation 60 notices, which will ask how each site meets the relevant BAT conclusions from the Bref note. Timescales for response are likely to be 3 months.

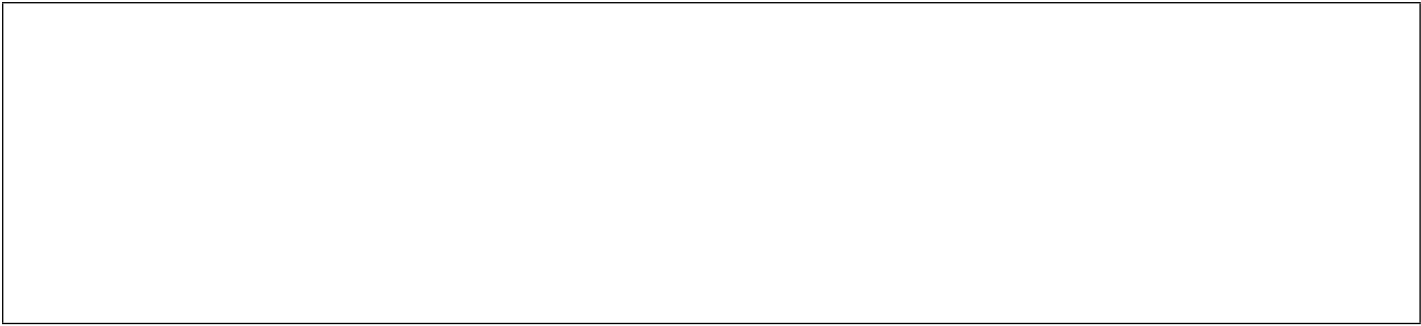
Improvement Conditions

IC17 - site are using a consultant to provide a waste classification for the aluminium oxide using the WM3 guidance. This is to be completed in the next few weeks.

IC18 - Site plans to carry out the CCTV drainage survey of the installation with one week when the site is operational and a week during the summer shutdown.

Action

Send completed waste classification to NRW by 11 August 2016.



EPR Compliance Assessment Report

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Operator/Permit holder	Befesa Salt Slags Ltd	Date	21/06/2016

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 reports 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 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.