



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

| | | | | | |
|--|---|---------------|--------------|----------|-----------------|
| Site | CHIRK, PARTICLEBOARD | | Permit Ref | BW9999IG | |
| Operator/ Permit holder | Kronospan Ltd | | | | |
| Date | 16/10/2013 | Time in | 09:30 | Out | 12:30 |
| What parts of the permit were assessed | Containment and COMAH interventions, biomass boiler and lagoon developments and site. | | | | |
| Assessment | Site Inspection | EPR Activity: | Installation | X | Waste Op |
| | | | | | Water Discharge |
| Recipient's name/position | Keith Baker - EHS Manager | | | | |
| Officer's name | Ian Oakes | Date issued | 08/11/2013 | | |

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 | A | |
| b) Infrastructure | 1. Engineering for prevention & control of pollution | A | |
| | 2. Closure & decommissioning | N | |
| | 3. Site drainage engineering (clean & foul) | A | |
| | 4. Containment of stored materials | A | |
| | 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 | N | |
| | 2. Land & Groundwater | N | |
| | 3. Surface water | A | |
| | 4. Sewer | N | |
| | 5. Waste | N | |
| f) Amenity | 1. Odour | A | |
| | 2. Noise | A | |
| | 3. Dust/fibres/particulates | A | |
| | 4. Pests, birds & scavengers | NA | |
| | 5. Deposits on road | NA | |
| g) Monitoring and records, maintenance and reporting | 1. Monitoring of emissions & environment | N | |
| | 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 |
|-----------------------------|---|--|---|

If the Total No Breaches is greater than zero, then please see Section 3 for details of our proposed enforcement response

| | | |
|---------------------------|--------------------|----------|
| OK FOR PUBLIC REGISTER | INITIALS | DATE |
| | <i>[Signature]</i> | 23/12/13 |
| COPIED TO PUBLIC REGISTER | JB | EDM |

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.

1 - Containment and COMAH interventions.

The operator provided electronic copies of the Petroleum Products and Chemicals containment scorecards, which gave visual assessments of containment integrity. High scores were evident with some remedial works identified, for example, the need to check the integrity of the methanol bund seals and penetrations. To verify the site has engaged a structural engineering consultant to assess against the criteria highlighted in COMAH inspection report 'Secondary and Tertiary containment' of 28 March 2013 (in which the operator shall review, in full, the measures for secondary and tertiary containment of COMAH dangerous substances in bulk tanks against the CA Containment Policy guidelines). The site is also to submit MATTE risk assessment for gas oil / diesel and DSEAR reports. The site confirmed the timescale by 31 December 2013 as acceptable. Pipeline failures in ERA has yet to be reviewed and the bunding and penstock for the surface water discharge is to be reviewed as part of the lagoon / effluent treatment project (below). Both are to be carried over into 2014.

2. Emergency off site plan exercise.

An emergency off site plan exercise 'Marlin' was carried out on the 18 June 2013 and is due to be reviewed on the 29 November 2013. The scenario tested various responses to a loss of containment of methanol and subsequent fire on site.

3. Biomass plant.

Kronospan has revised the design of the biomass power generation plant (still be 32MWth) with the steam turbine removed and the steam utilised for the driers. The new boiler would replace two relatively inefficient gas powered boilers. The plant will be of a moving grate design utilising hot oil heat recovery for steam generation. The proposal is to include an improved steam line from the formaldehyde plant to the MDF. It is expected that this will significantly increase the overall energy efficiency of the site and reduce dependency on gas.

4. Lagoon and effluent treatment project.

Monitoring facilities and continuous monitoring equipment are to be installed Q4 / Q1, to be followed by a period of comparative data collection with the grab sample. The testing will take place at the lagoons in a new facility to remove the transfer step to the site laboratory. Aeration systems and reed beds are being designed to minimise pumping. The discharge from the reed bed will continue to the Bradley Brook, with the site recommending reprofiling the brook to enhance biodiversity with the improved discharge.



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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.

X

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.