Notice of variation with introductory note

The Environmental Permitting (England & Wales) Regulations 2010

Chirk Particle Board Factory

Kronospan Limited,

Holyhead Road,

Chirk,

Wrexham

LL14 5NT

Variation application number

EPR/BW9999IG/V006

Permit number

EPR/BW9999IG

Chirk Particle Board Factory

Permit number EPR/BW9999IG

**Introductory note**

This introductory note does not form a part of the notice.

The following notice gives notice of the variation of an environmental permit.

This permit variation allows the installation of 12 floating aerators per lagoon and floating reed bed rafts placed in the water towards the outside edge of each lagoon. These improvements will help to improve the water quality within the 3 surface water lagoons and discharged waters with the aim of protecting the local water course and River Dee.

The schedules to this variation specify the changes made to the original permit.

The status log of a permit sets out the permitting history, including any changes to the permit reference number.

| Status log of the permit | | |
| --- | --- | --- |
| Description | Date | Comments |
| Application BW9999IG (EPR/BW9999IG/A001) | Received  28/11/03 | Duly made, Supersedes withdrawn application BR7194 |
| Additional information via Schedule 4 | Request dated  23/02/04 | Response in part dated 19/04/04 |
| Additional information via Schedule 4 |  | Noise survey 21/05/04 |
| Re-submission of Schedule  4 response | Request dated  26/05/04 | Information received on 30/06/04 |
| Permit determined BW9999IG (EPR/BW9999IG/A001) | 17/09/04 |  |
| Variation notice KP3735SC. Issued (EPR/BW9999IG/V002) | 05/04/06 | Re-issue of conditions to account for administrative errors and to change emission limits values from the original permit |
| Variation application EPR/BW9999IG/V003 | Duly Made  02/12/08 |  |
| Variation application EPR/BW9999IG/V003 issued | 28/04/09 |  |
| Variation application EPR/BW9999IG/V004 | Duly Made  18/05/10 |  |
| Variation application EPR/BW9999IG/V004 issued | 22/08/10 |  |
| Variation application EPR/BW9999IG/V005 | Duly Made  28/10/10 |  |
| Variation application EPR/BW9999IG/V005 issued | 08/12/10 |  |
| Variation application EPR/BW9999IG/V006 | Duly Made  05/01/16 |  |
| Variation application EPR/BW9999IG/V006 issued | 01/02/16 |  |

| Other Part A installation permits relating to this installation | | |
| --- | --- | --- |
| Operator | Permit Number | Date of Issue |
| Kronospan Limited | WCBC/PPC/KR/1 | 17/09/04 |
|  |  |  |

End of introductory note

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| **Notice of Variation** |

The Environmental Permitting (England and Wales) Regulations 2010

The Natural Resources Body for Wales (“Natural Resources Wales”) in exercise of its powers under regulation 20 of the Environmental Permitting (England and Wales) Regulations 2010 varies

Permit number

EPR/BW9999IG

Kronospan Limited (“the operator”),

whose registered office is

Kronospan Limited

Maesgwyn Farm

Chirk

Wrexham

LL14 5NT

company registration number **981905**

to operate a regulated facility at

Kronospan Limited

Holyhead Road

Chirk

Wrexham

LL14 5NT

To the extent set out in the schedules.

The notice shall take effect from 01/02/2016

|  |  |
| --- | --- |
| Name | Date |
|  | **01 February 2016** |

Eirian Macdonald

Authorised on behalf of Natural Resources Wales

**Schedule 1 – None**

**Schedule 2 – amended**

Table S1.1 activities has been amended to include the use of floating aerators and reed beds under the Directly Associated activities of Surface water lagoons.

Table S1.2 has been amended to include new operating techniques included in this variation application

| Table S1.1 activities | | |
| --- | --- | --- |
| Activity listed in Schedule 1 of the EP Regulations | Description of specified activity and WFD Annex I and II operations | Limits of specified activity and waste types |
| 4.1 A(1) (ii) producing organic chemicals containing oxygen | Manufacture of formaldehyde by catalytic oxidation of methanol | From receipt of raw materials to intermediate storage of formaldehyde production |
| 4.1A(1) (viii) producing organic chemicals such as polymers | Manufacture of Urea-formaldehyde and melamine-urea-formaldehyde resin | From intermediate storage of formaldehyde and receipt of other materials to intermediate storage of resin products |
| Directly Associated Activity | | |
| Unlisted Directly Associated Activity | VITS Paper Impregnation process | From resin intermediate storage and receipt of other raw materials to intermediate storage of impregnated paper products |
| Unlisted Directly Associated Activity | Surface Water Lagoons 1 & 2 | Receipt of site drainage from whole installation and effluent from formaldehyde plant, then discharged into the Afon Bradley via valve Penstock A. The effluent from the formaldehyde plant includes inputs from the process bunds, tank farm bunds and tanker loading bays. The lagoons also have 12 Kasco floating aerators per lagoon and floating reed beds on the outside of both lagoons. |
| Unlisted Directly Associated Activity | Surface Water lagoon 3 | Receipt of site drainage from rail sidings until transferred to the canal water treatment plant or during abnormal conditions (heavy rainfall, flood conditions) discharge via other surface water lagoons into the Afon Bradley. The lagoon also has 12 Kasco floating aerators within the lagoon and floating reed beds on the outside of the lagoon. |

| Table S1.2 Operating techniques | | |
| --- | --- | --- |
| Description | Parts | Date Received |
| Application for BW9999 | The response to question 2.1 given in pages 7 – 10 and supporting document No1 of the application | 28/11/03 |
| Response to Schedule 4 notice dated 23/02/04 | Response to question 10, 16, 17, 18, 21, 22 and 26 | 30/06/04 |
| Variation application | Response to question 2a – e | Duly Made  02/12/09 |
| Request for minor operational change dated 16/02/05. Replacement of VITS 2 with VITS 5 | All | Accepted |
| Works instruction KC/WI/ENV006 relating to lagoon operation | All | 16/04/09 |
| Further response requested dated 12/03/09 | All | 26/03/09 |
| Further information as request response dated 23/03/09 | All | 26/03/09 |
| Technical/Water environmental management programme dated 21/10/04 | 9 | Agreed  23/04/10 |
| Letter of proposal for the replacement of Formalin plant 1 reactor dated 12/05/10 ref. KB/PSC/02 | All except sections headed ‘Kronospan Limited Drawings’ and ‘Project Timeline’ | 18/05/10 |
| Variation application | Response given to question 2b, part C of the application form and supporting documents KB/PSC/04 and KB/PSC/05 including drawings as referenced | 13/10/10 |
| Additional information | Response to letter entitled ‘additional information’ | 24/11/2010 |
| Additional information | Response to letter entitled ‘additional information’ dated 7 December 2010 | 08/12/2010 – via email |
| Information from application EPR/BW9999IG/V006 | Response to Part C, 2, 2b – Notification of permit change. Technical summary. Document ref: KB/10/06 | 21/12/2015 |
| Information from application EPR/BW9999IG/V006 | Response to Part C, 2, 2b – Description of activities and description of aeration and lagoon dynamics. Document ref: Living Water (1) | 21/12/2015 |
| Information from application EPR/BW9999IG/V006 | Response to Part C, 2, 2b – Lagoons an updated pipe connections and diagrams. Document ref: PH1/H/002 (A1) | 21/12/2015 |

**Schedule 3 – None**