



**Cyfoeth
Naturiol
Cymru
Natural
Resources
Wales**

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Application BW9999IG (EPR/BW9999IG/A001)	Received 28/11/03	Duly made, Supersedes withdrawn application BR7194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

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