

# Variation notice with introductory note

Environmental Permitting (England & Wales) Regulations 2010

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Chirk Particle Board Factory

Kronospan Limited,  
Holyhead Road  
Chirk,  
Wrexham,  
LL14 5NT

Variation notice number  
EPR/BW9999IG/V005

Permit number  
EPR/BW99991G

# **Chirk Particle Board Factory**

## **Permit number EPR/BW9999IG**

### **Introductory note**

***This introductory note does not form a part of the permit***

The following notice, which is issued pursuant to regulation 20 and Part 1 of Schedule 5 of the Environmental Permitting (England and Wales) Regulations 2010 S.I.2010 No. 675 (the Regulations), gives notice of the variation of an environmental permit to operate a regulated facility.

The change introduces a new surface water run-off lagoon to take surface water from the new rail off loading facility.

Under normal operating conditions the water will pass through a screen that clears the water of wood debris. The surface water then discharges to a settlement lagoon where suspended solids will be further cleared by gravity. The water will then be pumped to the Canal water treatment plant where it will be treated to ensure it is suitable for use as process water. Under abnormal conditions, during periods of heavy rainfall a penstock valve which links the new lagoon will be opened and the excess surface water will be managed by the current surface water lagoon management system. The discharge from the lagoons will continue via emission point W1 the final receiving water is the River Dee. The discharge will only take place when the water to be discharged is within the permitted limits specified in the permit.

Schedule 1 of this notice lists any deleted conditions, Schedule 2 lists any amended conditions, Schedule 3 lists any conditions that have been added and Schedule 4 shows any changes to the plan.

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

Status Log of the permit		
Detail	Date	Response Date
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 Supersedes withdrawn application BR7194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 limit values from the original permit.
Variation Application EPR/BW9999IG/V003	Duly made 02/12/08	
Variation Notice EPR/BW9999IG/V003 Issued	28/04/09	
Variation Application EPR/BW9999IG/V004	Duly made 18/05/10	
Variation notice EPR/BW9999IG/V004 Issued	22/08/10	
Variation Application EPR/BW9999IG/V005	Duly made 28/10/10	
Variation EPR/BW9999IG/V005 issued	08/12/2010	

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

Environmental Permitting  
(England and Wales) Regulations 2010

Permit number

**EPR/BW9999IG**

The Environment Agency in exercise of its powers under Regulation 20 of the Environmental Permitting (England and Wales) Regulations 2010 (SI 2010 No 675) varies the permit as set out below.

**Kronospan Limited** ("the operator"),

whose registered office/or principal office is

**Kronospan Limited**

**Maesgwyn Farm**

**Chirk**

**Wrexham**

**LL14 5NT**

company registration number **981905**

holds a permit to operate part of a regulated facility at

**Chirk Particleboard**

**Holyhead Road**

**Chirk**

**Wrexham**

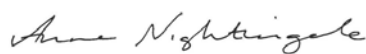
**LL14 5NT**

and that permit is varied to the extent set out in Schedules 1 to 4 of this notice.

The notice shall take effect from 08/12/2010

Name

Date

	08 December 2010
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**Anne Nightingale**

Authorised on behalf of the Environment Agency

**Schedule 1 – conditions to be deleted**

None

**Schedule 2 – conditions to be amended**

The following conditions are amended as follows

**Schedule 1 - Table S1.1 Permitted Activities**

Schedule 1, table S1.1 shall be amended to include a new directly associated activity the new surface water lagoon to drain the new rail sidings.

**Table S1.1. Permitted Activities**

<b>Activity listed in Schedule 1 of the EP Regulations</b>	<b>Description of specified activity</b>	<b>Limits of specified activity</b>
4.1 A(1) (a) (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.
4.1 A(1) (a) (viii) producing organic chemical such as polymers	Manufacture of Urea-formaldehyde and melamine-urea-formaldehyde resins	From intermediate storage of formaldehyde and receipt of other materials to intermediate storage of resin products.
<b>Directly Associated Activity</b>		
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	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.
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.

## Schedule 1 - Table S1.2 – Operating Techniques

Schedule 1, table S1.2 shall be amended to include the new operation techniques

<b>Table S1.2 Operating techniques</b>		
<b>Description</b>	<b>Parts</b>	<b>Date Received</b>
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	Responses 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 VITS1 with VITS 5	All	Accepted
Works instruction KC/WI/ENV006 relating to the 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 23/04/05
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 2 b , 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 in letter entitled 'additional information'	24/11/2010
Additional information	Response in letter entitled 'additional information' dated 7 December 2010	08/12/2010- via email

## Schedule 1 - Table S1.3 – Operating Techniques

Schedule 1 - Table S1.3 shall be amended to add an additional improvement condition – IC23 to the table

**Table S1.3 Improvement programme requirements**

Reference	Requirement	Date
ICI 23	Lagoon 3 and the associated infrastructure shall be installed and constructed in accordance with the document : Notification of a request for a Variation to permit number EA/EPR/BW9999IG/V005 dated 6 <sup>th</sup> October 2010 and associated plans . Upon completion of the work, the operator shall submit as-built drawings and construction details to the Agency.	Within a month of construction of the lagoon and associated infrastructure.



## Schedule 5 - Table S5.4 – Reporting Forms

Schedule 5, table S5.4 shall be amended to replace the water usage reporting form

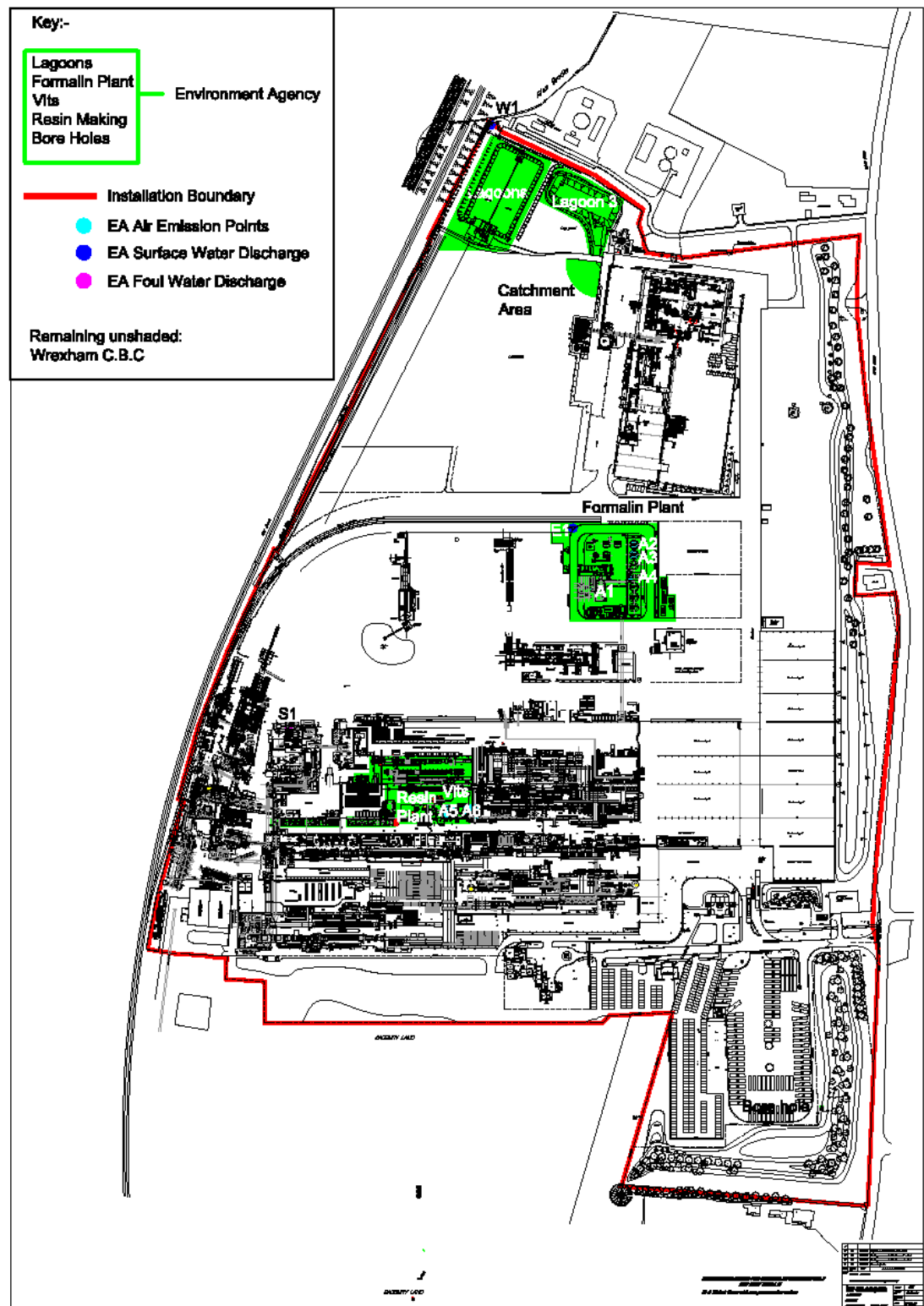
Table S5.4 Reporting forms		
Media/parameter	Reporting format	Date of form
Air	Form air 1 or other form as agreed in writing by the Environment Agency	04/02/09
Water and Land	Form water 1 or other form as agreed in writing by the Environment Agency	04/02/09
Formaldehyde Plant Effluent Tank	Form sewer 1 or other form as agreed in writing by the Environment Agency	04/02/09
Water usage	Form water usage 1 or other form as agreed in writing by the Environment Agency	08/12/10
Energy usage	Form energy 1 or other form as agreed in writing by the Environment Agency	04/02/09
Other performance indicators	Form performance 1 or other form as agreed in writing by the Environment Agency	04/02/09

## Schedule 3 – conditions to be added

None

## Schedule 4 – amended plan

Schedule 2 the site plan is amended to include the new lagoon and associated infrastructure.



Permit Number: EAEPR/BW9999IG/V005

Operator: Kronospan Ltd

Facility: Chirk Particle Board Insulation

Form Number: WaterUsage1 / 08/12/2010

**Reporting of Water Usage for the year .....**

Water Source	Usage (m <sup>3</sup> /year)	Specific Usage (m <sup>3</sup> /unit output)
Mains water		
Site borehole		
Canal abstraction		
Recycled Water		
TOTAL WATER USAGE		

Operator's comments :

(The water usage is for the whole installation not just the part regulated by the Environment Agency)

Signed .....  
(authorised to sign as representative of Operator)

Date.....