

Permit Number: EA/EPR/BW99991G/M003

Operator:

Kronospan Ltd

Facility: Chirk Particle Board Factory

Form Number: Water1 / 040209

**Reporting of emissions to water (other than to sewer) and land for the period from 01/10/2014 to 31/12/2014**

Emission Point	Substance / Parameter	Emission Limit Value	Result <sup>(1)</sup>	Test Method	Sample Date	Uncertainty
W1	BOD	9.5 mg/l	7.5 mg/l	As Permit	29/10/2014	0.011
W1	Suspended Solids	100mg/l	91.5 mg/l	As Permit	11/11/2014	0.208
W1	pH	6 – 9	6.04 – 7.55	As Permit	09/10/2014 – 14/12/2014	0.004
W1	Ammonia	3.5 mg/l	4.91 mg/l	As Permit	07/10/2014	0.006
W1	Oil and Grease	15mg/l	12.8 mg/l	As Permit	11/10/2014	0.007
W1	Formaldehyde	1.5 mg/l	1.92 mg/l	As Permit	24/11/2014	0.003
W1	Discharge Volume	N/A	85175 m <sup>3</sup>	As Permit	N/A	N/A

(1) The result given is the maximum value (or the minimum value in the case of a limit that is expressed as a minimum) obtained during the reporting period, expressed in the same terms as the emission limit value. Where the emission limit value is expressed as a range, the result is given as the 'minimum – maximum' measured values.

Signed  K. Barker  
(Authorised to sign as representative of Operator)

Date 05/01/2015

Corrections have been made as per condition 3.1.4

Permit Number:

EA/EPR/BW99991G/V005

Operator:

Kronospan Ltd

Facility:

Chirk Particle board factory

Form Number:

Air1 / 040209

**Reporting of emissions to air for the period for the year 2014**

Emission Point	Substance / Parameter	Emission Limit Value	Result 1	Sample Date and Time	Result 2	Sample Date and Time	Result 3	Sample Date and Time
A1	Formaldehyde	5mg/m <sup>3</sup>	1.7 mg/m <sup>3</sup>	26/09/2014 12:36	1.9 mg/m <sup>3</sup>	26/09/2014 13:22	1.7 mg/m <sup>3</sup>	26/09/2014 14:08
A5	Formaldehyde	5mg/m <sup>3</sup>	3.4 mg/m <sup>3</sup>	29/09/2014 14:02	2.3 mg/m <sup>3</sup>	29/09/2014 15:11	2.5 mg/m <sup>3</sup>	29/09/2014 16:21
A5	Total VOCs	50mg/m <sup>3</sup>	9.1 mg/m <sup>3</sup>	29/09/2014 14:02	6.1 mg/m <sup>3</sup>	29/09/2014 15:11	7.9 mg/m <sup>3</sup>	29/09/2014 16:21
A5	Particulates	20mg/m <sup>3</sup>	1.4 mg/m <sup>3</sup>	29/09/2014 14:02	0.4 mg/m <sup>3</sup>	29/09/2014 15:11	0.7 mg/m <sup>3</sup>	29/09/2014 16:21
A6	Formaldehyde	5mg/m <sup>3</sup>	3.7 mg/m <sup>3</sup>	25/09/2014 14:50	3.7 mg/m <sup>3</sup>	25/09/2014 16:06	4.0 mg/m <sup>3</sup>	26/09/2014 10:20
A6	Total VOCs	50mg/m <sup>3</sup>	4.0 mg/m <sup>3</sup>	25/09/2014 14:50	3.3 mg/m <sup>3</sup>	25/09/2014 16:06	2.6 mg/m <sup>3</sup>	26/09/2014 10:20
A6	Particulates	20mg/m <sup>3</sup>	0.6 mg/m <sup>3</sup>	25/09/2014 14:50	0.5 mg/m <sup>3</sup>	25/09/2014 16:06	1.7 mg/m <sup>3</sup>	26/09/2014 10:20

Signed  K. Basse  
(Authorised to sign as representative of Operator)

Date 05/10/2015

Corrections have been made as per condition 3.1.4

Permit Number: EA/EPR/BW99991G/V003

Operator:

Kronospan Ltd

Facility: Chirk Particle Board Factory


Form Number:

FPET1 / 040209

**Reporting of emissions from the formaldehyde plant effluent tank for the period from 01/10/2014 to 31/12/2014**

Emission Point	Substance / Parameter	Emission Limit Value	Result <sup>(1)</sup>	Test Method	Sample Date	Uncertainty
E1	pH	6 – 9	6.20 – 6.66	As Permit	16/12/2014 – 03/10/2014	0.018
E1	Oil and Grease	15mg/l	0.0 mg/l	As Permit	16/12/2014	0.054
E1	Formaldehyde	1mg/l	0.94 mg/l	As Permit	02/11/2014	0.006
E1	Discharge Volume	N/A	86 m <sup>3</sup>	As Permit	N/A	N/A

(1) The result given is the maximum value (or the minimum value in the case of a limit that is expressed as a minimum) obtained during the reporting period, expressed in the same terms as the emission limit value. Where the emission limit value is expressed as a range, the result is given as the 'minimum – maximum' measured values.

Signed  V. Barker  
(Authorised to sign as representative of Operator)

Date 05/01/2015

Corrections have been made as per condition 3.1



Permit Number: EA/EPR/BW99991G/V003

Operator: Kronospan Ltd

Facility: Chirk Particle Board Insulation

Form Number: WaterUsage1 / 040209

### Reporting of Water Usage for the year 2014

Water Source	Usage (m <sup>3</sup> /year)	Specific Usage (m <sup>3</sup> /unit output)
Mains water	207,093	
Site borehole	129,084	
Canal abstraction	188,872	
TOTAL WATER USAGE	525,049	

Operator's comments :

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

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


Date 05/01/2015

Permit Number: EA/EPR/BW9999IG/V003 Operator: Kronospan Ltd  
Facility: Chirk Particle Board Factory Form Number: Performance1 / 040209

Reporting of other performance indicators for the year 2014

Parameter	Units
Total BOD emission to water (other than sewer) from point W1 (kg)	1,720
Total Methanol received into the storage tanks (tonnes)	41,995
Total VOC's released from points A5 and A6 (tonnes)	7.27

Operator's comments :

Signed:  K. Baccar Date: 05/01/2015  
(Authorised to sign as representative of Operator)

Permit Number: EA/EPR/BW99991G/V003

Operator: Kronospan Ltd

Facility: Chirk Particle Board Factory

Form Number: Energy1 / 040209

Reporting of Energy Usage for the year 2014

Energy Source	Energy Usage		Specific Usage (MWh/unit output)
	Quantity (MWh)	Primary Energy (MWh)	
Site electricity	168,295	439,205	
Formaldehyde Plant Electricity	9,490	24,674	
TOTAL	168,295	439,205	

\* Conversion factor for delivered electricity to primary energy = 2.6

Operator's comments :

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

Date: 14/01/2014