Natural Resources Wales Emission Points

Ref.	Area/Equipment Description
A1	Emission control system - Formaldehyde Plant
A2	Methanol storage tank (1A) vent
A3	Methanol storage tank (1B) vent
A4	Wet scrubber on formaldehyde storage tanks
A5	Removed
A6	Removed
A7	Exhaust fan for existing Urea Silo
A8	Exhaust fan for urea tipping hopper
A9	Exhaust fan for urea screw conveyor
A10	Redundant emission point (N.B. previously dust Filter for melamine hopper feeding Reactor R210 and R220)
A11	Exhaust fan for melamine bag station hopper
A12	Redundant emission point (N.B. previously dust filter for melamine hopper feeding Reactor 4)
A13	Exhaust fan for Urea Silo
A14	All pressure relief venting systems in Formalin plant
A15	All pressure relief venting systems in Resin plant
A16	K1 Kronoplus (press & space heating)
A17	K5 Rawboard thermal oil to ContiRoll presses (standby gas heater)
A18	K6 Rawboard thermal oil to ContiRoll presses (standby gas heater)
A19*	GT1 heat to MDF 1 Drier (standby)
A20*	GT2 heat to MDF 2 Drier (standby)
A21*	Gas Engine 1 steam production for MDF 1 & 2 process
A22*	Gas Engine 2 steam production for MDF 1 & 2 process
A23*	Gas Engine 3 steam production for MDF 1 & 2 process
A24*	Gas Engine 4 steam production for MDF 1 & 2 process
A25*	Gas Engine 5 steam production for MDF 1 & 2 process
A26*	K7 solid fuel boiler emergency chimney (solid fuel thermal oil boiler)
A27*	K8 biomass plant emergency chimney (solid fuel steam production for MDF)
A28	WESP 32 unit stack for Bab Driers No.2 & No.3 & OSB (emissions from Particle Board and MDF press abatement system)
A29	MDF 2 Drier Cyclones x4
A30	MDF 1 Drier Cyclones x2
A31	MDF 1 & 2 & Particle Board ContiRoll / combined press abatement system
A32	WESP 21 unit stack for Drier No.4 / exhaust from Particle Board
A33*	WESP 21 Drier No.4 Particle Board emergency stack
A34*	WESP 32 OSB Drier No.1 emergency Stack
A35*	WESP 32 OSB Drier No.2 emergency Stack

Surface & Foul Water Discharge Points

Ref.	Area/Equipment Description
S1	Zone 1 - Middle Road pit, WESP 32, Drier No.2, Drier No.3, OSB, K7, K8 & Gas Engine boiler waters
S2	Zone 2 - Preproduction
S3	Zone 3 - New Particle Board Drier No.4 & WESP 21 area
E1	Formaldehyde plant effluent tank outlet
W1	Discharge from surface water lagoons via penstock 'A'
W2	Discharge from wetlands to Afon Bradley

Key

* = Emergency Release Points

N
W E
S

MP 193.5

Afon Bradley

Lagoon 1 Lagoon 2 Lagoon 3

North Logyard

Log Yard Reception

Canal Water Treatement

Asphalt

Asphalt Phase 1

Kronoplus

Log Yard Road

East Road

East Warehouse

Log and Chip Infeed

Sawmill Log Sorting

Chipper

Screening

Log Yard Material Handling Plant & Silos

Formalin Plant

Garage

Temporary Warehouse

Rear Dispatch Yard

Sawmill

Sawmill Road

Warehousing

High Bay Paper Warehouse

Melamine Production Hall

Impregnation

High Bay Board Warehouse

Dry Chip Preparation

MDF Refiner

K8 Boiler

Raw Paper Store

Drier No.3

WESP (SEKA 32)

K7 Boiler

K6 Boiler

Drier No.2

WESP Drier No.4 (SEKA 21)

Particle Board Production Hall

Particle Board Finishing Line Hall

Engineering & Stores

MDF Board Store Hall

T&G Line Hall

MDF Production Hall

MDF Finishing Line Hall

MDF Fire Road

Farmhouse Road

Farmhouse

Sales

Dispatch

Discharge Point

Afon Bradley Farm

Shropshire Union Canal

Sluice

Marina

Kilns (Abolished)

Shelter

Storage Tank

Slurry Bank

Key:-

Installation Boundary

Filtration Points

KRONOSPAN STATUS
Date 21.12.2023

STATUS		WAITED COMMENTS	
By	KRONOSPAN	Updated	YYYY-MM-DD
Date	YYYY-MM-DD	By	
Rev		Rev	
DISTRIBUTION		WAITED APPROVAL	
Date	YYYY-MM-DD	Updated	YYYY-MM-DD
By	######	By	
CC1		CC1	
CC2		CC2	
CC3		CC3	
CC4		M.ARNOLD	
CC5		CC5	
CC6		CC6	
CERTIFIED		Date	YYYY-MM-DD

Revision	Description	Date	Name
D	Area '4' renamed to '4a'. Area '4' added to sheet 1	13.10.2023	M.Welch
C	OSB investment machinery detail added	25.09.2023	M.Welch
B	North Access Road layout updated. Sheets 2 and 3 added	23.09.2023	M.Welch
A	Area 10 reduced	30.06.2023	M.Titcombe

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Status

	Date	Name
Project leader		
Drawn	29.04.2023	M.WELCH
Checked	29.04.2023	M.TITCOMBE

Size A0 | Scale 1:1000/1:2000 | origin | Norm ISO

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Project number . | Projekt name

Description
Kronospan Chirk
OSB Proposal - Proposed Filtration Points

Drawing number 7000/757 | Index D | Sheet/Number 3/8