

# Site Sprinkler Plan Kronospan Ltd

## Chirk, Wrexham

Sprinkler System Details									
Line	Level	Area	Station	Valve Set	Type	Area Covered	Density	Fire Risk	Notes
1	GF	8	10	1	Wet (F)	Chipboard Control & part board store	15mm	2013-01	
2	GF	14	5	2	Wet	Chipboard Control leashing line and part new loading bay & dust silo 1 phase	15mm		
3	GF	5	6	3	Dry	Old Loading Bay	15mm		
4	GF	14	6	4	Wet	Part 52 press, parts P11, P7 and P8 presses and P1 and P2 presses	10mm	2013-01	
5	GF	14	3	5	Dry	East warehouse bay 1 and half of bay 2	17.5mm	2013-01	
6	GF	3	3	6	Dry	East warehouse half of bay 2 and half of bay 3	15mm		
7	GF	3	3	7	Dry	East warehouse half of bay 2 and half of bay 3	17.5mm		
8	GF	14	9	8	Wet	Warehouse and Treated paper store	10mm	2013-01	
9	GF	14	9	9	Wet	Part P11 press and part P7 press	10mm		
10	GF	13	9	10	Wet	Part V12 2 and part V13 3 and Part Warehouse	10mm	2013-01	
11	GF	13	9	11	Wet	Part Warehouse and part V12 2 and Part Warehouse	10mm	2013-01	
12	GF	13	12	12	Dry	East plant, part warehouse, part V13 3	10mm	2013-01	
13	GF	11	12	13	Dry	K2 boiler, new paper store and Refiner building	12.5mm		
14	GF	12	12	14	Wet	V15 5, part P9 press and part P8 press	10mm	2011-03	
15	GF	14	15	15	Dry (F)	Thermal Oil Pump Room V15 5	10mm		
16	GF	14	15	16	Dry	Thermal Oil Boiler KG	10mm		
17	GF	6	20	17	Dry (F)	MDF 2 Hydraulic / Thermal Oil Room	10mm		
18	GF	7	20	18	Wet	Stores racking	10mm	2011-02	
19	GF	7	11	19	Wet	Part new loading line & Dust Silo 2, Filter	10mm	2012-01	
20	GF	7	11	20	Wet	Part Intermediate board store and Stores	10mm		
21	GF	6	4	21	Wet	MDF1, MDF2 and part intermediate board store	10mm	2012-05	
22	GF	6	4	22	Wet	MDF Warehouse and Teutomatic	12.5mm		
23	GF	4	4	23	Dry	Loading area	12.5mm		
24	GF	3	1	24	Dry	Far East Warehouse bay 5	17.5mm		
25	GF	3	1	25	Dry	Far East Warehouse bay 5 Extension	10mm	2011-01	
26	GF	3	1	26	Dry	Far East Warehouse bay 6	10mm		
27	GF	3	2	27	Dry	Far East Warehouse bay 7	17.5mm		
28	GF	3	2	28	Dry	Far East Warehouse bay 8	10mm		
29	GF	3	2	29	Dry	Far East Warehouse bay 9	17.5mm		
30	GF	3	2	30	Dry	Far East Warehouse bay 10	10mm		
31	GF	3	2	31	Dry	Far East Warehouse bay 11	10mm		
32	GF	18	17	32	Wet	Workshop production hall	10mm		
33	GF	18	16	33	Dry	Loading Bay	13mm		
34	GF	18	17	34	Wet	Sello Saw and warehouse	13mm		
35	GF	18	17	35	Wet	Flooring line and warehouse	13mm		
36	GF	18	18	36	Dry	Komplex North West Warehouse	17.5mm		
37	GF	18	18	37	Dry	Komplex North East Warehouse	17.5mm		
38	GF	9	15	38	Dry	K7 Boiler Plant Main Feed Enclosure	5mm		
39	GF	9	15	39	Wet	K7 Boiler Plant Main Feed Enclosure	5mm		
40	GF	9	15	40	Wet	K7 Boiler Plant Steam Generating Room	5mm		
41	GF	9	15	41	Wet	K7 Boiler Plant Thermal Oil Pump	5mm		
42	GF	9	15	42	Wet	K7 Boiler Plant Thermal Oil Room	5mm		
43	GF	9	15	43	Wet	K7 Boiler Plant Thermal Oil Room	5mm		
44	GF	9	15	44	Wet	K7 Boiler Plant Thermal Oil Room	5mm		
45	GF	9	15	45	Wet	K7 Boiler Plant Thermal Oil Room	5mm		
46	GF	9	15	46	Wet	K7 Boiler Plant Thermal Oil Room	5mm		
47	GF	9	15	47	Wet	K7 Boiler Plant Thermal Oil Room	5mm		
48	GF	9	15	48	Wet	K7 Boiler Plant Thermal Oil Room	5mm		
49	GF	9	15	49	Wet	K7 Boiler Plant Thermal Oil Room	5mm		
50	GF	9	15	50	Wet	K7 Boiler Plant Thermal Oil Room	5mm		
51	GF	9	15	51	Wet	K7 Boiler Plant Thermal Oil Room	5mm		
52	GF	9	15	52	Wet	K7 Boiler Plant Thermal Oil Room	5mm		
53	GF	9	15	53	Wet	K7 Boiler Plant Thermal Oil Room	5mm		
54	GF	9	15	54	Wet	K7 Boiler Plant Thermal Oil Room	5mm		
55	GF	9	15	55	Wet	K7 Boiler Plant Thermal Oil Room	5mm		
56	GF	9	15	56	Wet	K7 Boiler Plant Thermal Oil Room	5mm		
57	GF	9	15	57	Wet	K7 Boiler Plant Thermal Oil Room	5mm		
58	GF	9	15	58	Wet	K7 Boiler Plant Thermal Oil Room	5mm		
59	GF	9	15	59	Wet	K7 Boiler Plant Thermal Oil Room	5mm		
60	GF	9	15	60	Wet	K7 Boiler Plant Thermal Oil Room	5mm		
61	GF	9	15	61	Wet	K7 Boiler Plant Thermal Oil Room	5mm		
62	GF	9	15	62	Wet	K7 Boiler Plant Thermal Oil Room	5mm		
63	GF	9	15	63	Wet	K7 Boiler Plant Thermal Oil Room	5mm		
64	GF	9	15	64	Wet	K7 Boiler Plant Thermal Oil Room	5mm		
65	GF	9	15	65	Wet	K7 Boiler Plant Thermal Oil Room	5mm		
66	GF	9	15	66	Wet	K7 Boiler Plant Thermal Oil Room	5mm		
67	GF	9	15	67	Wet	K7 Boiler Plant Thermal Oil Room	5mm		
68	GF	9	15	68	Wet	K7 Boiler Plant Thermal Oil Room	5mm		
69	GF	9	15	69	Wet	K7 Boiler Plant Thermal Oil Room	5mm		
70	GF	9	15	70	Wet	K7 Boiler Plant Thermal Oil Room	5mm		
71	GF	9	15	71	Wet	K7 Boiler Plant Thermal Oil Room	5mm		
72	GF	9	15	72	Wet	K7 Boiler Plant Thermal Oil Room	5mm		
73	GF	9	15	73	Wet	K7 Boiler Plant Thermal Oil Room	5mm		
74	GF	9	15	74	Wet	K7 Boiler Plant Thermal Oil Room	5mm		
75	GF	9	15	75	Wet	K7 Boiler Plant Thermal Oil Room	5mm		
76	GF	9	15	76	Wet	K7 Boiler Plant Thermal Oil Room	5mm		
77	GF	9	15	77	Wet	K7 Boiler Plant Thermal Oil Room	5mm		
78	GF	9	15	78	Wet	K7 Boiler Plant Thermal Oil Room	5mm		
79	GF	9	15	79	Wet	K7 Boiler Plant Thermal Oil Room	5mm		
80	GF	9	15	80	Wet	K7 Boiler Plant Thermal Oil Room	5mm		
81	GF	9	15	81	Wet	K7 Boiler Plant Thermal Oil Room	5mm		
82	GF	9	15	82	Wet	K7 Boiler Plant Thermal Oil Room	5mm		
83	GF	9	15	83	Wet	K7 Boiler Plant Thermal Oil Room	5mm		
84	GF	9	15	84	Wet	K7 Boiler Plant Thermal Oil Room	5mm		
85	GF	9	15	85	Wet	K7 Boiler Plant Thermal Oil Room	5mm		
86	GF	9	15	86	Wet	K7 Boiler Plant Thermal Oil Room	5mm		
87	GF	9	15	87	Wet	K7 Boiler Plant Thermal Oil Room	5mm		
88	GF	9	15	88	Wet	K7 Boiler Plant Thermal Oil Room	5mm		
89	GF	9	15	89	Wet	K7 Boiler Plant Thermal Oil Room	5mm		
90	GF	9	15	90	Wet	K7 Boiler Plant Thermal Oil Room	5mm		
91	GF	9	15	91	Wet	K7 Boiler Plant Thermal Oil Room	5mm		
92	GF	9	15	92	Wet	K7 Boiler Plant Thermal Oil Room	5mm		
93	GF	9	15	93	Wet	K7 Boiler Plant Thermal Oil Room	5mm		
94	GF	9	15	94	Wet	K7 Boiler Plant Thermal Oil Room	5mm		
95	GF	9	15	95	Wet	K7 Boiler Plant Thermal Oil Room	5mm		
96	GF	9	15	96	Wet	K7 Boiler Plant Thermal Oil Room	5mm		
97	GF	9	15	97	Wet	K7 Boiler Plant Thermal Oil Room	5mm		
98	GF	9	15	98	Wet	K7 Boiler Plant Thermal Oil Room	5mm		
99	GF	9	15	99	Wet	K7 Boiler Plant Thermal Oil Room	5mm		
100	GF	9	15	100	Wet	K7 Boiler Plant Thermal Oil Room	5mm		
101	GF	9	15	101	Wet	K7 Boiler Plant Thermal Oil Room	5mm		
102	GF	9	15	102	Wet	K7 Boiler Plant Thermal Oil Room	5mm		
103	GF	9	15	103	Wet	K7 Boiler Plant Thermal Oil Room	5mm		
104	GF	9	15	104	Wet	K7 Boiler Plant Thermal Oil Room	5mm		
105	GF	9	15	105	Wet	K7 Boiler Plant Thermal Oil Room	5mm		
106	GF	9	15	106	Wet	K7 Boiler Plant Thermal Oil Room	5mm		
107	GF	9	15	107	Wet	K7 Boiler Plant Thermal Oil Room	5mm		
108	GF	9	15	108	Wet	K7 Boiler Plant Thermal Oil Room	5mm		
109	GF	9	15	109	Wet	K7 Boiler Plant Thermal Oil Room	5mm		
110	GF	9	15	110	Wet	K7 Boiler Plant Thermal Oil Room	5mm		
111	GF	9	15	111	Wet	K7 Boiler Plant Thermal Oil Room	5mm		
112	GF	9	15	112	Wet	K7 Boiler Plant Thermal Oil Room	5mm		
113	GF	9	15	113	Wet	K7 Boiler Plant Thermal Oil Room	5mm		
114	GF	9	15	114	Wet	K7 Boiler Plant Thermal Oil Room	5mm		
115	GF	9	15	115	Wet	K7 Boiler Plant Thermal Oil Room	5mm		
116	GF	9	15	116	Wet	K7 Boiler Plant Thermal Oil Room	5mm		
117	GF	9	15	117	Wet	K7 Boiler Plant Thermal Oil Room	5mm		
118	GF	9	15	118	Wet	K7 Boiler Plant Thermal Oil Room	5mm		
119	GF	9	15	119	Wet	K7 Boiler Plant Thermal Oil Room	5mm		

LEGEND									
	Fire Brigade Access								
	Escape route								
	Chemical Hazard								
	Gas Hazard								
	Explosion Risk								
	Electrical Danger & Voltage								
	Fire Risk High								
	Danger Using Water to Extinguish Fire								
	Alarm control Centre with Main Alarm								
	Fire Alarm - Parallel Display device								
	Fire Alarm Box with Telephone								
	Sprinkler Station								
	Sprinkler Tank 500m³	Refill Supply 617 lt/min							
	Sprinkler Tank 500m³	Refill Supply 617 lt/min							
	Water Tank 350m³	Refill Supply 280 lt/min							
	Water Tank 800m³	Refill Supply 210 lt/min							
	Water Tank 800m³	Refill Supply 210 lt/min							
	Sprinkler Tank 400m³	Refill Supply 210 lt/min							
	Water Tank 108m³	Refill Supply 245 lt/min							

LEGEND									
	Minimax Tank 210m³	Refill Supply 73 lt/min							
	Lagoon 2022m³	Ref' Sup' Min' 433 lt/min							
	Lagoon 2022m³	Ref' Sup' Max' 5000 lt/min							
	Canal water Untreated 30m³	Refill Supply 43m³/hr							
	Canal Water Treated 60m³	Refill Supply 43m³/hr							
	Lagoon Water Treated 15m³	Refill Supply 466 lt/min							
	Lagoon 2900m³								
	Bore Hole 27m³/h								
	Bore Hole 26m³/h								
	Main Hydrant Town Water								
	Main Hydrant Canal Water								
	Water Suction Point								
	Area Identification								
	Current Location Point								
	Gas Main Isolation								
	Water Main Isolation								

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137
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