


2.2 Occupied Buildings

Personnel onsite are located in the process plant buildings and offices. During normal workdays, there are approximately 150 personnel onsite.

In addition to Solvay personnel, there may be up to 50 contractors working on the Oldbury site, predominantly on days, although a typical average will be around 20 at any one time. They will be dispersed across the site dependent on the tasks being performed.

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The occupied buildings onsite are illustrated in *Figure 2.3* and summarised in *Table 2.3*.

Note that the onsite population has decreased since the last submission of the COMAH report and the OBRA (*Annex K*).


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Table 2.3 Summary of Occupied Buildings Onsite

No.	Plant/ Buildings	Function	Number of persons typically present	Time Used (hr/ day)	Occupancy fraction	No.	Plant/ Buildings	Function	Number of persons typically present	Time Used (hr/ day)	Occupancy fraction
General Offices & Laboratories											
1	Trinity Street Offices (TSO)	Offices & Laboratories	30	8	0.8	44	Stores	Site general stores & good deliveries	2	8	0.8
2	Quadrangle Offices	Offices	35	8	0.8	59	Fire Station	Used in emergency or on training	0	24	0
3	Canteen	Staff dining area	2	8	0.8	98	Garage	General garages & forklift maintenance	0	8	0.8
4	Innovation Technical Centre (ITC)	Laboratories & Offices	29	8	0.9	109	Recreation Club	Recreation club, bar, hall, etc.	0	8	0.8
5	Gatehouse	Entrance lobby & Securities	1	24	0.8	129	DHL	Used by DHL	0	24	0.1
6	Oldbury Business Centre (OBC)	Offices and Medical Centre	35	8	0.85	130	Safety stores	DHL mess room	0	24	0.1
43	Kilo Laboratory	Product Testing & Research	2	8	0.2	156	Langley Business Centre	Offices for Admin and Management Staff	30	8	0.8
PWA Derivatives 1											
66	MCP Warehouse	Product storage	1	12	0.35	100	General Warehouse	Not used	0	24	0
68	Amenities block	Behind Fire Station	0	24	0	101	Drum stores/ General warehouse		21	24	0.25
74	SMFP Process Building	Not used	0	24	0	102	Pot. Phos control room	Not used	0	24	0
75	SMFP Control Room		0	24	0.1	121	Phosphate Esters control room	Control room	1	24	0.6
76	SMFP Mess Room		0	24	0.1	122	Poly acid plant & warehouse	Manufacturing, warehousing	1	24	0.1
88	MCP Process Building	Not used	0	24	0						
PWA Derivatives 2											
7	CLB Office	Office area	3	12	0.5	28	TCP Plant	TCP manufacture	0	24	0
8	CLB Process Plant	Manufacturing Plant	3	12	0.5	29	TCP Control Room	Not used	0	24	0
9	CLB Amenities	Mess room, toilets, etc.	0	12	0.3	30	DCP Packing	Not used	0	24	0
10	CLB Warehouse	Storage of materials	3	12	0.5	31	DCP	Not used	0	24	0
11	Micromet	Briquest drumming	1	24	0.1	48	Accomet process building		1	12	0.3
12	CLB Warehouse Office		1	8	0.5	105	DMP process plant	Not used	0	24	0
26	TCP Warehouse	Materials storage	0	8	0.04	154	Offices/ Mess room & amenities		0	24	0.1
27	DCP Warehouse	Not used	0	8	0						
Phosphorus Primary Derivatives 1											
78	Perform Process Building	Manufacture & product storage	1	8	0.33	141	Phosphorus Trichloride Plant	Trichloride manufacture, Oxychloride storage. Old C/R & interface room inside.	2	24	0.1
79	ADPA Process Building	Manufacture	0	24	0	142	Oxychloride Slurry Building	Phosphorus trichloride storage. Old control cabin inside.	1	24	0.01
81	ADPA/ Semi Works Control Room	Control room & interface building	1	24	0.8	143	Phosphorus Oxychloride Plant	Product manufacture	0	24	0.01
134	Imported PAF building	PA Flake Handling	1	24	0.75	144	Phosphorus Chlorides Control Room	Switch/ interface room, Control/ mess room (tri, oxy & PA) & offices	2	24	0.75
135	Compressor house (next to old CI2)		0	24	0.01	145	Phosphorus Chlorides Change Area	Amenities block	2	24	0.1
136	Drum shed	Storage	0	24	0.01	146	Phosphorus Acid Flaker building	Not used	0	24	0
137	Chlorine muster room		0	24	0.01	147	PA Plant	Warehouse	1	24	0.1
138	No. 33 switch room	Switch room	0	24	0	148	Stores – Compressor/ generator house		0	24	0
139	Phos-chlorides tanker loading		0	24	0.75	155	New Chlorine building	Chlorine offloading, Control Room (not used) & interface room	0	24	0.2
140	Phosphorus Chlorides drum filling	Drum filling & Oxychloride storage	1	24	0.1						
Phosphorus Primary Derivatives 2											
90	Phosphine switch/ interface room		0	24	0	94	CED Stores	Equipment store	0	24	0
91	Phosphine Control Room	Control room + Switch room	2	24	0.9	119	Phosphorus storage and unloading		2	24	0.1
Phosphorus Secondary Derivatives 1											
14	Effluent Office	Not used	0	24	0	47	Cu Pyro process building		0	24	0
15	Effluent Lime Dosing House	Pump house & switch room	1	24	0.1	49	HPA process and storage area		0	24	0

No.	Plant/ Buildings	Function	Number of persons typically present	Time Used (hr/ day)	Occupancy fraction	No.	Plant/ Buildings	Function	Number of persons typically present	Time Used (hr/ day)	Occupancy fraction
16	Pump house	Control room	1	24	0.1	53	Cleaning Contractors	Changing rooms	3	12	0.05
17	Effluent pump house/ garage		1	24	0.01	54	Cu Pyro mess room	Not used	0	24	0
35	Briquest Control Room	Control room, mess areas & switch room	1	24	0.6	55	Cu Pyro/ HPA Offices	Offices	0	24	0.1
36	Briquest Process Building	Product manufacture	1	24	0.4	56	Portable Store (next to Acid Storage)		0	24	0.01
37	Briquest QA Laboratory	In-process testing	1	24	0.05						
Phosphorus Secondary Derivatives 2											
33	Fridge room & hot oil	Equipment housing	3	24	0.05	82	Semi Works Fridge room	Equipment housing/ noise attenuation	1	24	0.01
42	Pilot Plant	Product development & manufacture	3	24	0.8	150	Porta cabin (opposite Pilot Plant)	Mess room & amenities	3	24	0.2
80	Semi Works Process Building	Manufacture	1	24	0.5						
Maintenance & Utilities											
13	Substation No.6		0	8	0.04	70	Instrument Workshop	Workshop	9	12	0.25
18	Substation No.79		0	8	0.04	71	Tackle/ Carp Shop	Workshop	1	8	0.3
21	Switch Room No.56		0	8	0.13	72	Maintenance/ Planning Offices	Offices	6	8	0.7
34	Fitting Shop (Bottom side)	Not used	0	8	0	73	Fitting Shop	General maintenance workshop & offices	16	12	0.25
39	Maintenance Stores	Equipment storage	0	8	0.1	85	Boiler house		1	8	0.2
52	Plumbers Shop	Workshop	1	8	0.5	86	Boiler house Control Room		0	8	0.3
57	Engineering Equipment General Store	General storage	0	8	0.1	95	Substation No.2		0	8	0.04
58	Substation 71		0	8	0.04	103	Substation No.3		0	8	0.04
61	Works Gas Supply Station		0	8	0	107	Fire Station Porta cabin	Storage	0	24	0.01
67	Substation No.8		0	8	0.04	114	Substation No.1		0	8	0.04
Other											
20	Emcompress	Not used	0	24	0	97	Creche Stores	Not used	0	8	0
22	Pilot Plant warehouse	Product storage	0	24	0.05	99	Creche Stores & Office	Not used	0	24	0
38	Tetrax Process Building	Product manufacture	1	24	0.1	106	Phosphorus Control room	Control room	1	24	0.2
40	Petrol Store	Flammable storage	0	24	0.05	111	FAP development	Fabric development facilities & offices	4	8	0.8
45	Thermoplastic Lab	Storage, mess room & offices	0	8	0.5	115	Drum store	Storage of 205 litre drums	0	24	0
65	Sand Store	Used in Emergencies only	0	24	0	123	Development crèche	Not used	0	24	0
96	Creche	Not used	0	8	0	149	Chlorines Workshop	Warehouse	0	24	0
Contractors											
59	Interserve office/ store		0	8	0.4						


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Figure 2.3 Location of Occupied Buildings

