

Proposed Avondale Site: Activity Relationships

Estimate of relationships between activities and approximate space requirements

Note: The estimate of space requirements includes areas for walkways, partitions, stairwells, etc.

No.	Dept.	STAMP Assy.	PCB Manuf.	M/C Shop	Goods Inwards	PCB Assy.	Final Inspection	M/C Inspection	Despatch	Parts Store	Resin Encapsulation	De-grease & Paint Shop	Design & Drawing Office
1	Reception & Administration (190m ²)	O	O	X 8	I 5 & 6	U	I 6	U	E 4 & 5	I 5	U	X 8	O
2	STAMP Assy. (155m ²)		O	U	U	E 7 & 4	A 2	U	O	E 2	A 2	X 8	U
3	PCB Manufacture (80m ²)			U	O	A 2	O	U	U	A 2	O	U	U
4	M/C Shop (210m ²)				E 2	O	U	A 2 & 6	U	A 2	U	A 2 & 7	U
5	Goods Inwards (130m ²)					U	U	U	E 1, 6 & 7	A 2	U	U	U
6	PCB Assy. (105m ²)						U	U	U	I 2	A 2	U	U
7	Final Inspection (110m ²)							U	A 2 & 4	U	U	X 8	U
8	M/C Inspection (105m ²)								U	U	U	A 2	U
9	Despatch (110m ²)									U	U	U	U
10	Parts Store (130m ²)										U	U	U
11	Resin Encapsulation (70m ²)											U	X
12	De-grease & Paint Shop (70m ²)												X
13	Design & Drawing Office (190m ²)												

Closeness Key	Value
Absolutely necessary	A
Especially important	E
Important	I
Ordinary closeness OK	O
Unimportant	U
Undesirable	X

Code	Reason
1	Same truck dock
2	Flow of material
3	Service
4	Convenience
5	Inventory Control
6	Communication
7	Same staff
8	Cleanliness/fumes/noise