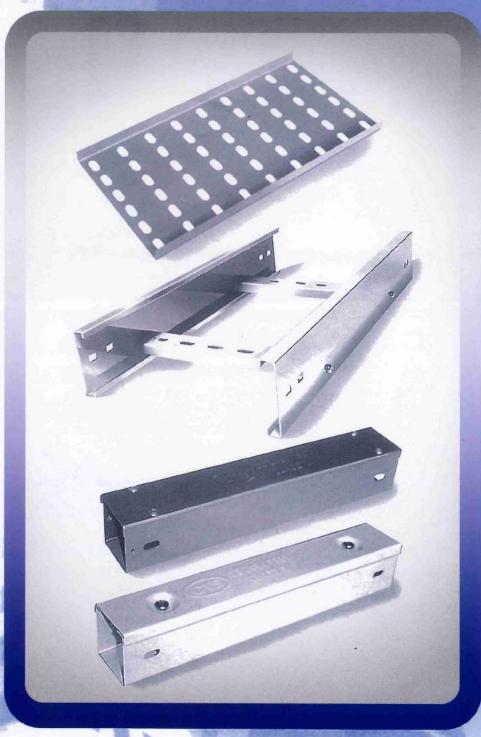
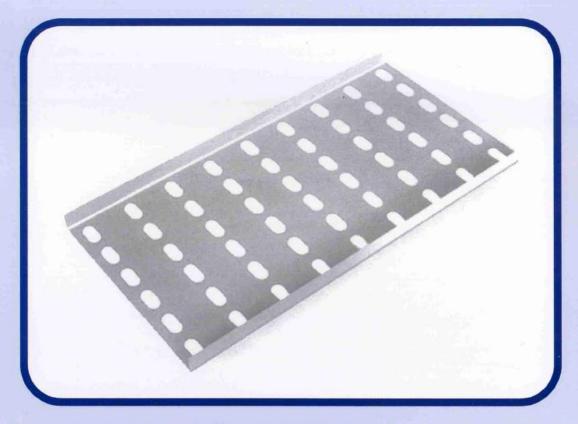
# CTS Steel Cable Support Systems



## **Light Duty Cable Tray**



CTS Light Duty Tray manufactured to (formerly C.E.G.B. Standard 1217) Standard length - 2.44m

Medium Duty Return Flange Cable Trays are available on special request

Materials	Available Finishes
Pre-galvanized Steel to BS EN 10143:1993	Original Finish
Hot Rolled Steel to BS1449: Part 1:1991	Hot-Dipped Galvanized to BS EB ISO 1461 (which supersedes BS729) or ASTM A386-73
Mild Steel to BS1449: Part 1: 1991	Epoxy Coated
Electro-Galvanized Steel to BS EN 10152: 1994	Epoxy Coated
Hot Rolled Steel to BS1449: Part 1: 1991	Hot-Dipped Galvanized to BS EN ISO 1461 (which supersedes BS729) or ASTM A386-73 and Epoxy Coated
Stainless Steel Grade AISI 304, 316 or 316L	Original Finish

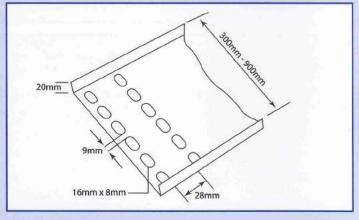
Note: Epoxy Coatings standard colours are Grey and Orange. Other colours are available upon request

#### **Perforation Pattern Details**

Slot Size : 20.0mm x 7.5m

• Flange Height:

12.0mm for 50 - 225mm tray width
20.0mm for 300 - 900mm tray width
Higher flange cable tray can be quoted upon request.



#### **Straight Tray**

Width (mm)	Gauge (mm)
50	1.0
75	1.0
100	1.0
- 150	1.0
200	1.0
250	1.5
300	1.5
450	1.5
500	1.5
600	1.5



# **Return Edge Surface Cable Trunking**



**Standard Sizes** 

Size	Steel Thickness (mm)		Approx. Weight
(mm)	Body	Cover	Kgs/Length
50 x 25	1.0	1.0	3.7
50 x 50	1.0	1.0	4.9
75 x 50	1.2	1.2	7.0
75 x 75	1.2	1.2	8.2
100 x 50	1.2	1.2	8.3
100 x 75	1.2	1.2	9.4
100 x 100	1.2	1.2	10.6
150 x 50	1.2	1.2	10.6
150 x 75	1.2	1.2	11.8
150 x 100	1.2	1.2	13.1
150 x 150	1.6	1.6	19.3
200 x 50	1.6	1.6	16.4
200 x 75	1.6	1.6	18.0
200 x 100	1.6	1.6	19.8
200 x 150	1.6	1.6	23.0
225 x 100	1.6	1.6	21.4
225 x 150	1.6	1.6	25.3
250 x 100	1.6	1.6	23.0
250 x 150	1.6	1.6	26.3
300 x 100	1.6	1.6	26.2
300 x 150	1.6	1.6	29.1

CTS Return Edge Cable Trunkings can be manufactured from different material to suit the many different site requirements (please study below material list to choose from). CTS trunkings are generally made to the general requirement of BS4678: Part 1 1971/1988, however in order to meet the stringent needs of the Singapore market, CTS trunking have been type tested and are also manufactured according to SS249: 1981 Class 1. For a general guide, CTS trunkings are made to:

#### **Available Materials:**

Electro-Galvanized Steel Sheet to J1S G3313 SECC or BS EN 10152:1994, (where applicable) Pre-galvanized steel to BS2989: 1982. Hot-rolled steel to BS1449: Part 1:1983. Stainless steel to AISI 304 or AISI 316/316L (where applicable) Aluminium Alloy.

#### **Manufacturing Standards:**

SS 249: 1981 Class 1, BS4678: Part 1: 1971 /1988 (where applicable)

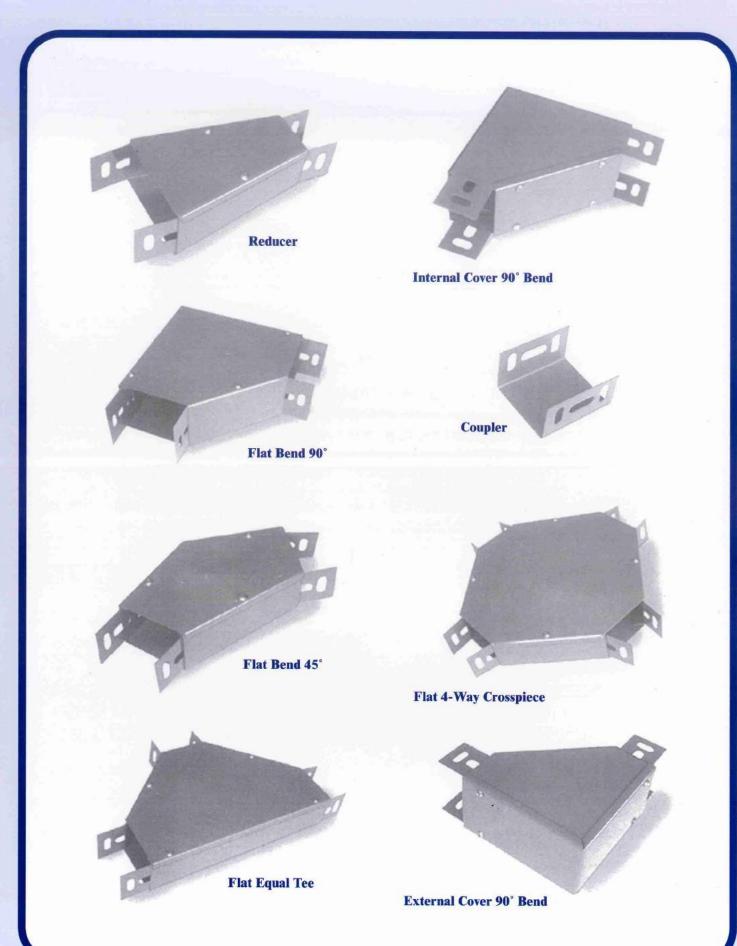
#### **Available Finishes:**

Epoxy Powder Coated, Stove enamel coated, Hot-dipped galvanized, pregalvanized, stainless steel, Aluminium.

Standard length - 2.44m

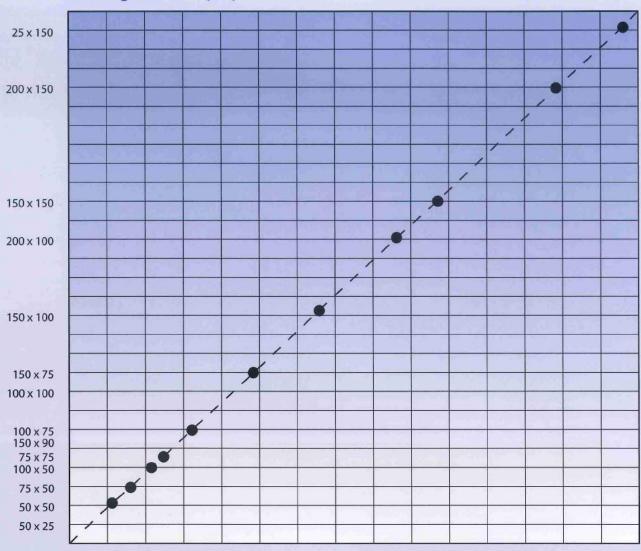


#### **Cable Trunking Accessories**



#### **CABLE TRUNKING CAPACITY GUIDE**

#### **Trunking Dimension (mm)**



1,000 2,000 3,000 4,000 5,000 6,000 7,000 8,000 9,000 10,000 11,000 12,000 13,000 14,000 15,000

#### **Factor**

The above data is based on the 15th edition of I.E.F. wiring regulations for electrical installations (1981) which allows for a space factor of 45%.

Trunking size is determined by multiplying the number of each single core p.v.c. insulated cable sizes by the appropriate factor shown in table 1 and in table 2. this factor should either equal or exceed the final factor used.

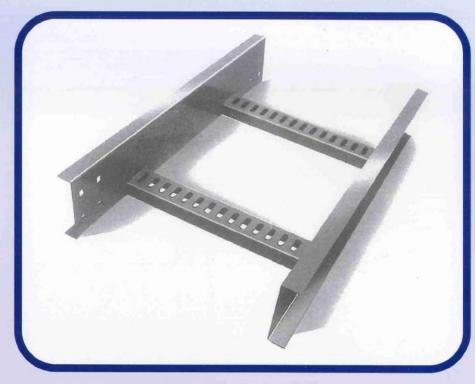
Table 1 Factors for Trunking

Typer of Conductor	Conductor Cross-Sectional area mm <sup>2</sup>	Factor
Solid	1.5 2.5	7.1 10.2
Stranded	1.5 2.5 4 6 10 16 25 35	8.1 11.4 15.2 22.9 36.3 42.9 62.6 95

Table 2
Factors for Trunking

## **Welded Type Cable Ladder**





CTS UL range of cable ladders are suitable for most general installation.

#### **Materials:**

- Electro-Galvanized steel to BS EN 10152: 1994
- 2. Hot-Rolled Steel to BS 1449 Part 1:1991
- 3. Stainless Steel AISI 304, 316 or 316L

#### Gauge of Metal: 2mm

#### Finishes:

- Electro-Galvanized Steel with Epoxy Coating
- Hot-Rolled Steel with Hot Dip Galvanised to BS EN ISO 1461 (which supersedes BS729) or ASTM A386-73
- Hot-Roll Steel with Hot-Dipped Galvanized to BS EN ISO 1461 (which supersedes BS729) or ASTM A386-73 with Epoxy Coating

Standard Length: 2.44mm

## 20mm 50mm 25mm 75mm t = 1.6mm

#### **Available Finishes**

Materials	Available Finishes
Hot-Rolled Steel	Hot-Dipped Galvanized to BS EN ISO 1461 (which supersedes BS729) or ASTM A386-73
ELectro-Galvanised Steel to BS EN 10152: 1994	Epoxy Powder Coating
Hot-Rolled Steel	Hot-Dipped Galvanized to BS EN ISO 1461 (which supersedes BS729) or ASTM A386-73 with Epoxy Powder Coating
Stainless Steel Grade AISI 304	Original Finish

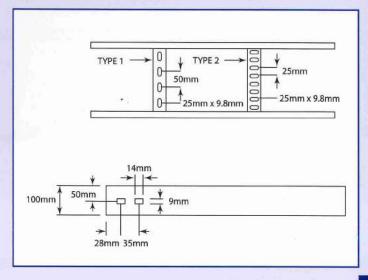
Note: Epoxy Coatings standard colours are Grey and Orange

Other corrosion resistant grades of stainless steel e.g. AISI 316 or 316L must be specified on order.

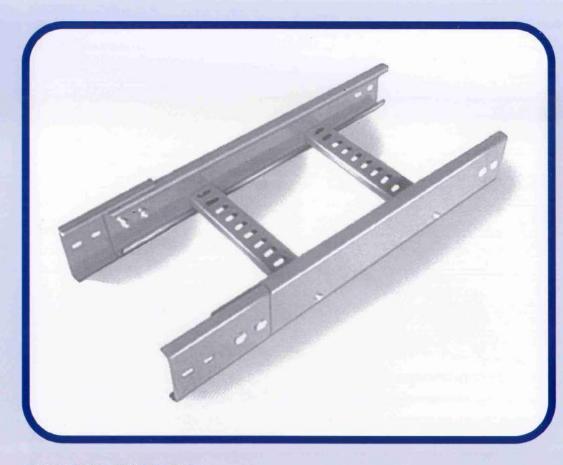
#### **Straight Ladders**

Width (mm)	Approx. Weight Kgs/Length
150	14.0
300	15.4
450	16.8
600	18.3
750	21.0
900	22.0
1000	24.1

#### RING SLOTS DIMENSION



## **Knock-Down Type Cable Ladder**



CTS NL range of knock-down type cable ladders are an additional range to the standard welded ML type cable ladder. It is easy to assemble and strong.

A versatile and resilient range as it can be transported in any confine area and assembled on site. The ladder width can be fixed by selecting the length of the rungs.

#### **Materials:**

Electro-Galvanized Steel to BS EN 10152:1994

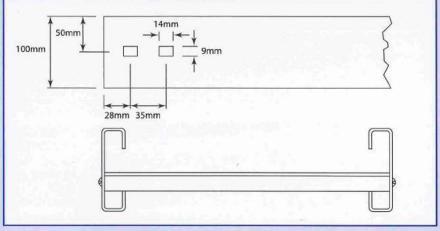
Gauge of Metal: 2mm

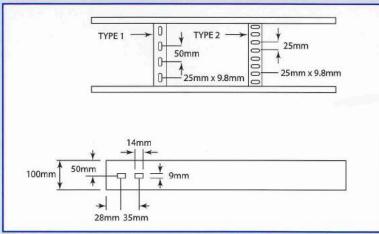
**Finish:** Epoxy Coating, HDG to BS EN ISO 1461

Standard Length: 2.44mm

Standard Colours: Grey and Orange

#### **RUNG SLOTS DIMENSION**



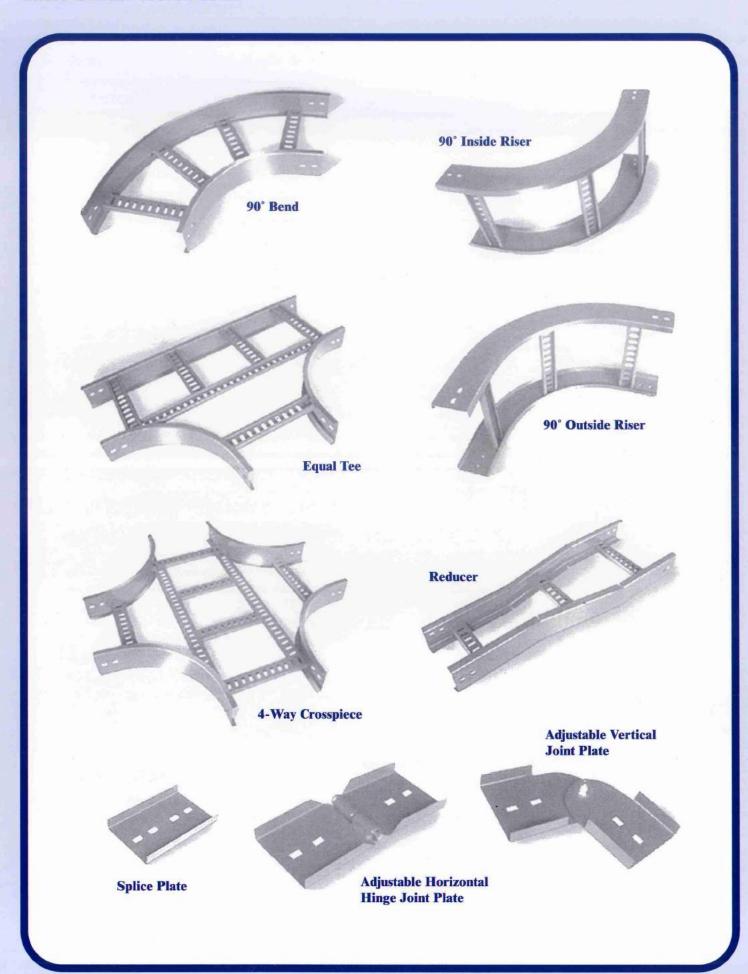


#### **Straight Ladders**

Width (mm)	Approx. Weight Kgs/Length
150	14.2
300	15.6
450	17.1
600	18.5
750	21.2
900	23.1
1000	24.4



#### **Cable Ladder Accessories**



## **Support Channel & Accessories**

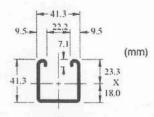
#### **UNISTRUT Support Channel & Fittings**

Hot-dipped galvanized channels to BS EN ISO 1461 (which supersedes BS729) are available ex-stock. Pre-galvanized Mild Steel (PG) to BS EN 10147 1992 (coating Z275), Plain Oiled Mild Steel (PL), Zinc Plated Mild Steel (SP) and Marine Grade Stainless Steel (SS) are also available on request

Hot-dipped galvanized finish, Mild Steel channels are rolled using material form from BS EN 10149 with guarantee yield 280/Nmm<sup>2</sup> and minimum tensile strength 370Nmm<sup>2</sup>. Both channels and fittings are finished hot-dipped galvanized to BS EN ISO 1461 to 55 microns (393g/m<sup>2</sup>). Standard length of channel is 6m



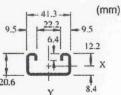
PS - 41 x 41 Thickness = 1.9mm / 2.5mm



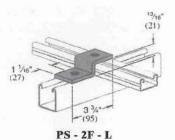


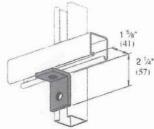


PS - 41 x 21 Thickness = 1.9mm / 2.5mm



- 1	41.0	
9.5-	22.2	►9.5
	6.4	12.2
T		$I_{x}$
20.6		1
	Y	8.4

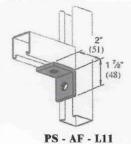


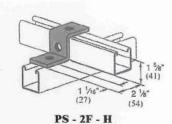


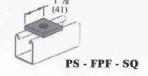
PS - AF



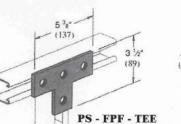
	Weigh	t / 100
Size	Lbs	Kg
M8	7	3
M10	10	5
M12	12	5
M16	22	10
M20	22	10







Bolt	Hole	Weigh	t / 100
Size	Size	Lbs	Kg
8mm	8.7mm	18	8.2
10mm	11.1mm	18	8.2
12mm	14.3mm	17	7.7
16mm	17.5mm	16	7.3
20mm	20.6mm	15	6.8



Wt/100 36kg (80lbs)

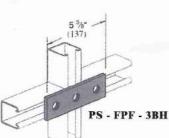
PS - POSTBASE - 2

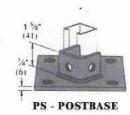
4 Holes 3/4" (19.1) Dia. 3" (76.2) (152.4) 3" 3" 3"

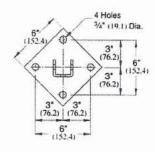


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PS - FPF - 2BH







## **Support Channel & Accessories**

#### Mild Steel Threaded Rods & Accessories



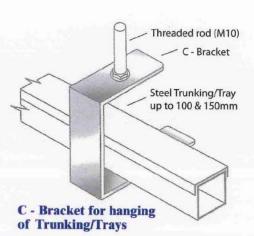
Size	Standard Length
3/8"	6ft / * 3m
8mm	2m / * 3m
10mm	2m / * 3m
12mm	2m / * 3m
16mm	2m / * 3m
20mm	2m / * 3m

\* Optional Length

Finish: Electro-galvanized

Note: HDG/Stainless Steel

finished rods can be ordered upon request



This purpose made C - Bracket is normally being used for hanging of Cable Trunking/Trays on to a M10 thread rod (see picture). It is finished fully Hot-dipped galvanized to BS EN ISO 1461 (which supersedes BS729), therefore making the bracket very suitable for all sorts of indoor/outdoor conditions.

#### Available size:

For up to 100mm width = PS-BRACKET-HDG (4mm) For up to 150mm width = PS-BRACKET-2-HM (5mm)

Note: Larger size brackets can be ordered to your preferred specification.

#### **HDG** - Mild Steel Angle Iron

1" x 1" (25 x 25 x 2.8mm) Available size:

> 11/4" x 11/4 (30 x 30 2.8mm) 11/2" 11/2" (38 x 38 x 2.8mm)

Standard Length: 6m

Finish: Hot-dipped galvanized to BS EN ISO 1461

(which supersedes BS 729)

Note: Unfinish Black Angle Iron also available upon request



Threaded Rod

Threaded Rod Connectors



Roofing Nut & Bolts M6 x 12, 16, 20, 26, 30 40, 50, 60mm



Wedge Nuts **Hexagon Nuts** (8.8 H.T.) M4, M6, M8, M6, M8, M19, M12 M10, M12



Lock Washes

Flat Washes



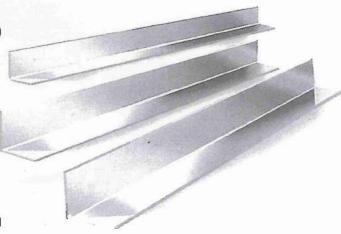
**Hexagon Head Set Screws** (8.8 H.T.)

M6 x 12, 16, 20, 26, 30 35, 40, 50, 60mm

x 20, 25, 30, 35, 40mm M10 x 20, 25, 30, 35

40, 50, 60, 80mm M12 x 22, 25, 30, 35,

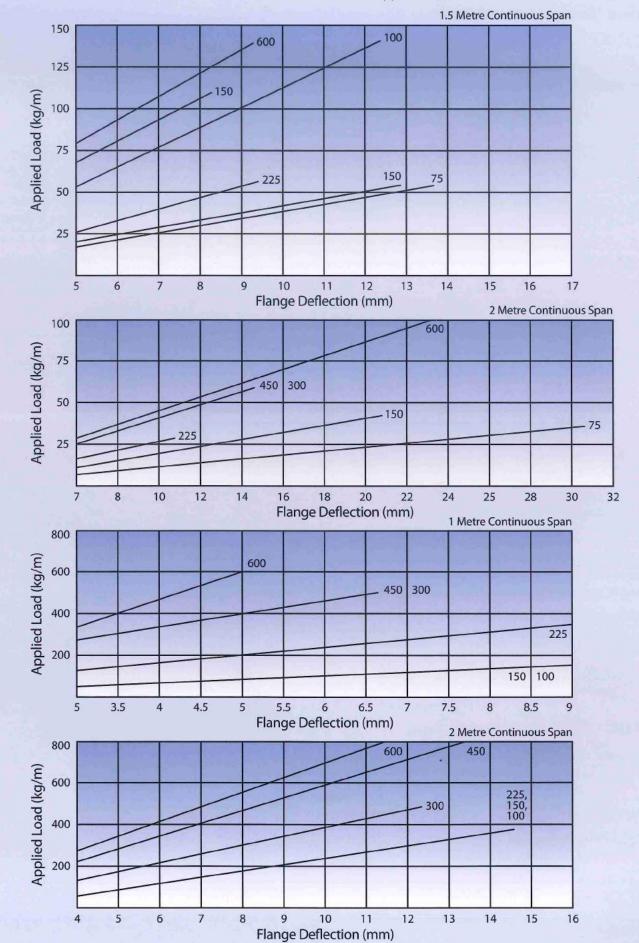
40, 50, 60, 80mm



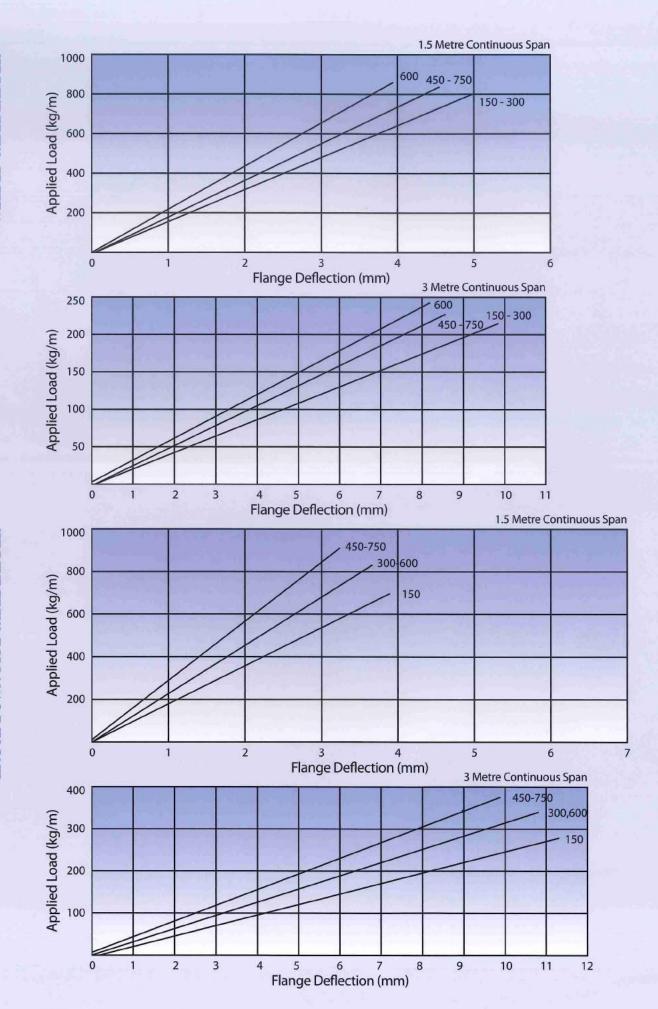
## **Loading Graphs**

The following informations are given from results of tests carried out in our company. Since site condition varies when installing cables, this data should be used as a guide only.

Site engineers will have to study the sizes of the cables, total weight per metre run and cable laying method to decide on the distance of the supporting spans. It is a good practice to allow for a reasonable loading factor when deciding on the support centres.







## **Technical Data**

#### **Hot-Dipped Galvanizing**

Specifications (Excerpts)
BS EN ISO 1461 (which supersedes BS729)
Hot-dipped galvanized coatings on Iron & Steel Articles

Table 1. Coating Weight *		
Category		Minimum average coating weight for any individual test area † (in g/m²)
	5mm thick and over	610
Steel articles which are not centrifugal ‡	Under 5mm but not less than 2mm	460
	Under 2mm but not less than 1mm	335
Grey and malleable iron castings		610
Threaded work and other articles which are centrifuged §		305

\* The coating weight per unit area of the surface is given in terms of g/m<sup>2</sup> of surface. If the coating thickness is required, the following conversion factor should be used which assumes the density of the coating to be 7g/cm<sup>3</sup>.

 $1g/m^2 = 0.14 \mu m (305g/m^2 = 10z/ft^2 = 43 \mu m = 0.0017 in).$ 

- † For small articles the test area shall consist of the whole surface or agreed parts thereof. For large articles e.g. structural steel sections, the minimum coating weight referred to in Table 1 shall be the average determinations over a test area of 600 to 1200mm<sup>2</sup>.
- ‡ Where the threads of bolts unsuitable for centrifuging are brushed after galvanizing the coating weights on the brushed areas shall be exempt from the requirements of Table 1.
- § Bolts are galvanized after screwing unless otherwise specified. Bolts which are to be fitted with nuts are screwed to the tolerance laid down in the appropriate specification without allowance being made for galvanizing. The nuts are tapped to 0.4mm over-size after galvanizing and the threads are oiled.

#### **ASTM A386-73**

Weight of zinc coating for various classes of material and thickness of pieces in the assembling

	Minimum Weight of Zinc Coating oz/ft²(g/m²) of surface	
Class of material	Average of Specimens Tested	Any Individual Specimen
Class A - Castings: Gray iron, malleable iron and steel	2.00 (610)	1.80 (550)
Class B - Rolled, pressed and forged steel: B-1 - 3/16 in. (4.76mm) and over in thickness B-2 - Under 3/16 in. (4.76mm) in thickness	2.00 (610) 1.50 (458)	1.80 (550) 1.25 (381)
Class C - Bolts and drive screws (3/8 in. (9.52mm) in diameter) and similar articles	1.25 (381)	1.00 (305)
Class D - Bolts and drive screws (3/8 in. (9.52mm) and under in diameter) and similar articles.	1.00 (305)	0.85 (259)

Reprinted in part from Specification A 153 for Zinc Coating (Hot-Dipped) on Iron and Steel Hardware<sup>3</sup>.

By publication of this standard, no position is taken with respect to the validity of any patent rights in connection therewith, and the American Society of Testing and Materials does not, undertake to insure anyone utilizing the standard against liability for infringement of any Letters Patent nor assume any such liability.



#### **Material and Finishes**

The requirements and specifications on cable support systems are diverse. The compilation of this data is intended to supply essential information so as to assist in the selection of the correct materials and finishes for specific requirements. The following informations are meant as a guide only and for any other specifications, finishes or materials, please contact our Technical Department

#### Pre-galvanized

Pre-galvanized steel to BS EN 10143: 1993.

#### **Hot-Dipped Galvanized**

Hot-rolled steel to BS1449 Part 1: 1983. Hot-dipped galvanizing manufactured to BS EN ISO 1461 (which supersedes BS729) or ASTM A386 - 73.

The finish is general required for outdoor applications.

#### **Epoxy Powder Paint Coating**

This is a method of electrostatic painting of epoxy powder paint. Fine epoxy powder are coated to the metal surface by static electricity, and is baked at very high temperature to fused, hardened and cured the epoxy powder. Epoxy coatings are used where resistance to alkali, salt, petroleum solvents, aliphatic and aromatic hydrocarbons or dilute agueous acids are required. Advantage of epoxy coatings is that it also can be supplied with different colours so that cablings of electrical power, telecommunications, computers, fire alarms, etc. can be coded.

#### **AISI 304 Quality Stainless Steel**

A commercial grade normally used where hygiene is the main consideration, Where corrosion resistant is required or for marine application type AISI 316 or AISI 316L should be used.

#### **AISI 316L Stainless Steel**

One of the most corrosion resistant ferrous metals suitable for marine applications.

#### **PVC Coated**

PVC coating is a corrosion resistant material which protect the steel or aluminium cable trays. The coating process cleans the product thoroughly. A bonding coat is applied to the parts and then pre-heated to a temperature above melting point of the coating powder. The product is then passed through a fluidized bed of PVC materials.

PVC has excellent resistance to most inorganic acids, alkali, mineral acids and oil. However, it is unsuitable for solvents such as ketones, acetones, etc.

#### **Wrought Aluminium Alloys**

Alluminium alloys are classified with designation series 1000 through 7000.

Non-heat treatable alloys are designated in 1000, 3000, 4000, and 5000 series. These alloys can be hardened further and strengthening is made possible by various degress of cold working.

Heat treatable alloys are designated 2000, 6000 and 7000 series. These series shows increasing solid solubility in aluminium with increase temperature and therefore is possible to subject them to thermal treatments which will impart pronounced strengthening. Cable Ladders are most widely formed from the 6000 series alloys.

#### Weldings

All our steel and aluminium cable trays and ladders are welded by electric arc or MIG (Metal Inert Gas) welding process. All MIG process produce a smooth, clean, slag-free welding.

#### **Technical Specifications**

Our products are manufactured to the following relevent standards and specifications where applicable:

BS1449: Part 1: 1991	 Carbon Steel Sheets
BS EN 10152: 1994	 Electro-galvanized
	Steel Sheets
BS1449: Part 2: 1983	 Stainless Steel Sheets
AISI 304	 Stainless Steel Sheets
AISI 316 and 316L	 Stainless Steel Sheets
BS EN 10143: 1993	 Pre-galvanized Steel Sheets
BS4678: part 1: 1971 (1998)	 Steel Surface Trunking
SS249: 1981	Steel Surface Cable Trunking and Accessories
BS4678: Part2: 1973 (1991)	 Steel Underfloor

BS EN ISO 1461 --- Hot-Dipped Galvanized
(which supersedes BS729) Coating on Iron and
Steel Articles

ASTM A386-73 --- Hot-Dipped Galvanizing

BS1706: 1990 --- Electroplated coatings of cadmium and zinc on iron and steel

BS6004: 1991 --- PVC insulated cables (non armoured) for electric

power and lighting
BS 8313: 1989 --- Ducts for building services

BS 7430: 1991 --- Earthing





# <u>CTS Cable Tray System& Cable Trunking - Job Reference</u>

WE WILL LIKE TO SUBMIT OUR PROJECT REFERENCE OF CTS- GI CABLE TRAY & CABLE TRUNKING AS BELOW:

1	MEINHALT OFFICE AT HDB CENTRE / BUKIT MERAH
2	SINGAPORE POLICE FORCE AT WHOLE SINGAPORE POLICE POST/NPC/MAIN POLICE STATION
3	SMRT BBISHAN DEPOT AT BISHAN
4	THE PREMIERE AT TAMPINES (HDB DBSS) AT TAMPINES DBSS
5	THE BISHAN LOFT (HDB EXECUTIVE CONDO) AT BISHAN EC
6	WHITE WATER CONDO (HDB EXECUTIVE CONDO) AT PASIR RIS EC
7	LA CASA EC ( HDB EXECUTIVE CONDO) AT WOODLANDS
8	SEA HORIZON (HDB EXECUTIVE CONDO) AT PASIR RIS
9	#03 TONG BUILDING
10	#33-00 AT SINGAPORE LAND
11	21 CHANGI NORTH RISE
12	7TH STOREY PRODUCTION AREA CUM OFFICE AT JALAN TENTERAM J.T.C FLATTED FACTORY
13	BLK J LEVEL 2, ITE COLLEGE CENTRAL @ ANG MO KIO
14	BUKIT TIMAH SHOWROOM
15	CHANGI GENERAL HOSPITAL AT 2 SIMEI STREET 3
16	LI KA SHING BUILDING AND 3RD STOREY OF BLOK MM AT NUS, BUKIT TIMAH CAMPUS ON LOT 1409PT TS 25 AT 1C CLUNY ROAD
17	LIGHT INDUSTRIAL BUILDING AT 16 NEW INDUSTRIAL ROAD
18	LOT 99777 MK 25 AT NO. 23 AMBER ROAD
19	MOULDING ROOM AT WOODLANDS SPECTRUM ROOM
20	NEW 28 CHANGI NORTH RISE
21	OVEN AT NO 2 KALLANG SECTOR 5TH FLOOR
22	T T INTERNATIONAL TRADEPARK
23	#01-04 PRODUCTION AREA
24	#01-04 PRODUCTION AREA
25	#01-65 TO 71 AT IMM
26	#02-43 TO 45 AT NOVENA SQUARE
27	#03-06 COMPASS POINT, SENGKANG SQUARE FOR COURTS SHOWROOM

Office: 50 Kallang Pudding Road, #01-01 AMA Building, Singapore 349326.





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29	#04-08/09 CES CENTRE
30	#06-17 INTERNATIONAL PLAZA
31	'THE SYNERGY' BUILDING AT INTERNATIONAL BUSINESS PARK
32	02-00 AT SINGAPORE LAND
33	1 KAKI BUKIT CRESCENT - 4TH STOREY CLEANROOM
34	10 COLLYER QUAY
35	10 KAKI BUKIT AVE 1 #06-01 & #06-02
36	10 TONS AIR COOLED DUCTED SPLIT AIR-CON SYSTEM TO PAYA LEBAR SHOWROOM
37	10, HYDERABAD ROAD, OFF ALEXANDRA ROAD
38	100 SELEGIE ROAD
39	100 TONS WATER CHILLER, AHU AIR-CON SYSTEM WITH TEMPERATURE/RH CONTROL AT BLK 47
40	100,000 MPTA DOP PLANT CUM R & D, DMIN OFFICE AT JURONG ISLAND
41	1003 BUKIT MERAH CENTRAL FACTORY
42	101 ALPS AVE, 1ST FLR WAREHOUSE
43	104 YUNNAN CRESCENT
44	108 ROBINSON ROAD
45	108 ROBINSON ROAD
46	108 ROBINSON ROAD
47	10TH FLOOR AT ICON INTERNATIONAL BUSINESS PARK
48	11 TO 15 KUNG CHONG ROAD
49	112 ROBINSON ROAD
50	123 LOYANG RISE
51	126,ROBINSON ROAD
52	130 TANJUNG RHU ROAD
53	133 TUAS SOUTH AVE 3
54	14 PORTCHESTER AVENUE
55	140 TONS WATER CHILLER, AHU AIR-CON SYSTEM WITH TEMPERATURE/RH CONTROL
56	159 SIN MING ROAD
57	15TH FLR , 18TH FLR , 19TH FLR & 18TH FLR OF JOHN HANCOCK TOWER
58	16 TUAS AVE 7
59	166 KALLANG WAY
60	17 TUAS AVE 9
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n <u>uici</u>	IUIS ASIU
oc 69st	<sup>N</sup> P8 <sup>20</sup> ENG <sup>5</sup> KONG GARDEN
62	184 JALAN TOA PAYOH
63	19 BLOXHOME DRIVE
64	1ST STOREY AT AYER RAJAH FACTORY
65	1ST STOREY PLAZA SINGAPURA
66	2 ALEXANDRA ROAD
67	2 BLK OF 25 STOREY TERESA VILLE CONDOMINIUM AT LOWER DELTA ROAD
68	2 CLEMENTI LOOP
69	2 KALLANG SECTOR
70	2 MINARET WALK
71	204 BUKIT TIMAH ROAD - LEVEL 3 & 5
72	205 BRADDELL ROAD @ COMFORT DELGRO LEVEL 3 DATA ROOM
73	207 RIVER VALLEY ROAD #01-51/54 (INSTALLATION OF A/C AND DUCTWORKS)
74	21 CHANGI NORTH RISE - SECURITY SERVER ROOM
75	21 SECOND CHIN BEE ROAD
76	23 LENG KEE ROAD
77	24 JALAN PENJURU
78	24 PENJURU ROAD #01-06B OFFICE
79	249 JALAN BOON LAY
80	25 FIRST LOK YANG ROAD
81	25 KALLANG AVE #07-01/02
82	25 TUAS BAY WALK
83	26 PIONEER CRESCENT WEST PARK
84	28 CHANGI NORTH RISE
85	2ND FLR FOREMAN OFFICE & CONTRACT OFFICE, 3RD FLR SBM OFFICE & INFORMATION SYSTEM
86	2ND STOREY AT HARBOURFRONT CENTRE
87	2ND STOREY SERVER RECEPTION AREA AT 166 KALLANG WAY
88	2-STY DETACHED DWELLING HOUSE AT MARYLAND DRIVE
89	3 SENOKO LINK
90	3 TUAS LINK 2
91	3 TUAS LINK 2
92	31-C CARMICHAEL ROAD
93	322 JALAN AHMAD IBRAHIM

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	rials Asia
ROC 64ST	N33, BUTTERWORTH
95	39 KEPPEL ROAD BLK 2 TANJONG PAGAR DISTRIPARK #05-01 WAREHOUSE
96	3RD FLOOR MAIN BUILDING
97	3RD FLOOR MAIN BUILDING
98	3RD FLOOR OFFICE AT SCIENCE PARK
99	3RD FLOOR SOFEC OFFICE & TRAINING CENTRE AT 51 PIONEER CRESCENT
100	3RD FLR HEALTHCARE WAREHOUSE AT ALPS AVENUE
101	3RD STOREY @ 166 KALLANG WAY
102	3RD STOREY @ JURONG ISLAND
103	3RD STOREY CENTREPOINT SHOPPING CENTRE
104	3RD STOREY PLANT ROOM
105	3-STOREY SINGLE USER FACTORY WITH OFFICE AT CHANGI NORTH RISE
106	4 BORTHWICK DRIVE
107	4 LOYANG LANE #06-02, #06-01
108	40 JALAN KECHUBONG
109	41 JALAN BUROH
110	47 AYER RAJAH CRESCENT
111	4B SWANAGE ROAD
112	4TH FLOOR - MIDLINK PLAZA
113	4TH FLR KRISLITE BUILDING 9 LOYANG WAY (INSTALLATION OF AIR-CON)
114	5 HARPER ROAD
115	51 BORTHWICK DRIVE
116	53 PENJURU ROAD
117	54 TAMAN SELAMAT
118	5TH FLOOR & 7TH FLR AT MIDLINK PLAZA
119	60 TUAS SOUTH ST 5
120	6TH FLR - MIDLINK PLAZA
121	6TH STOREY PRODUCTION AREA AT ANG MO KIO AVE 5
122	7 TUAS LINK 2
123	7 TUAS LINK 2
124	7 YISHUN INDUSTRIAL ST 1 #06-39
125	71 ROBINSON ROAD
126	791A MOUNTBATTEN ROAD





vi <u>u</u>		IUIS ASIU
OC 1	99 <sup>™</sup>	N9THOSTOREY FACTORY AT TUAS CRESCENT
1	28	8 TAMPINES CENTRAL, EAST LINK FOOD COURT AT #01-18
1	29	8 THIRD CHIN BEE ROAD
1	30	80 ANSON ROAD LEVEL 33 & 34
1	31	80 ROBINSON ROAD #13-01
1	32	817 BUKIT BATOK WEST AVE 5 (BASEMENT)
1	33	8-STOREY SINGLE PURPOSE OCCUPIER LIGHT INDUSTRIAL BUILDING AT 7000 ANG MO KIO AVE 5
1	34	9 TAGORE DRIVE #04-10
1	35	91 & 92 MIDDLE ROAD / QUEEN STREET - 1ST FLOOR
1	36	91 & 92 MIDDLE ROAD / QUEEN STREET - 2ND FLOOR
1	37	91 & 92 MIDDLE ROAD / QUEEN STREET - 3RD FLOOR
1	38	A 2-STOREY BUNGALOW WITH A SWIMMING POOL ON PLOT 5, BISHOPGATE
1	39	ACMV WORKS @ DEVAN NAIR
1	40	ADDITION AND ALTERATION OF EXISTING AIR-CONDTIONING SYSTEM TO NO. 28 CHANGI NORTH RISE – 1ST STOREY
1	41	AH MEI RAILMALL AT 448 UPPER BUKIT TIMAH ROAD
1	42	ALEXANDRA HOSPITAL
1	43	AMK 4TH FLOOR RELAB AREA
1	44	AMK IND BLDG PARK 2A TECHLINK FACTORY & OFFICE
1	45	ANG MO KIO CENTRAL SHOWROOM
1	46	ANG MO KIO FACTORY.
1	47	ANG MO KIO LINK #08-29/30
1	48	ANG MO KIO SEAGATE
1	49	ANGLO CHINESE SCHOOL (JUNIOR) AT 12, WINDSTED ROAD
1	50	ANTENNA TOWER AT POLICE COAST GUARD LIM CHU KANG
1	51	AR NTUC U CARE JURONG EAST ST 21 LEVEL 24
1	52	ARCADIA
1	53	ARCADIA CONDOMINIUM
1	54	ARIES SCIENCE PARK
1	55	ARMY CAMP
1	56	ARMY LOGISTIC BASE CAMP AT 601 OLD CHOA CHU KANG ROAD
1	57	BALESTIER MARKET
1	58	BALMORAL CONDO AT BUKIT TIMAH
1	59	BANQUET AT 100 SELEGIE ROAD





nuiei	IGIS ASIG
<sup>oc</sup> 16∂ <sup>⊤</sup>	<sup>N</sup> Bନ୍ଦିର୍ମ୍ବପ୍ରକ୍ରିସ BASEMENT 2 CITY SQUARE MALL AT 2 SERANGOON ROAD
161	BANQUET AT CAUSEWAY POINT #07-03
162	BANQUET AT CHINA SQUARE
163	BANQUET BLK 542A #01, JELAPANG
164	BANQUET CHINA SQUARE
165	BANQUET FOOD COURT AT #03-26 PARKWAY PARADE MALL
166	BASEMENT (DI ROOM & WAREHOUSE) AT 166 KALLANG WAY
167	BASEMENT 2 CARPARK FOR RAFFLES CITY SHOPPING CENTRE
168	BASEMENT AT 166 KALLANG WAY
169	BASEMENT FOR ZU-LIN TEMPLE
170	BCA TRAINING CENTRE
171	BEDOK SHOWROOM
172	BEDOK TOWN SEC SCH
173	BERTHSJ4 & J5 AND 2 NEW SINGLE STOREY WAREHOUSES AT BERTH J12
174	BLK 1092 #05-06/07 LOWER DELTA ROAD
175	BLK 164 KALLANG WAY 5TH FLOOR
176	BLK 18 DEMPSEY ROAD
177	BLK 2 TANJONG PAGAR DISTRIPARK (WAREHOUSE)
178	BLK 211 HENDERSON IND PARK #02-01
179	BLK 31 & 46 DATA CENTRE AT 535 CLEMENTI ROAD, NGEE ANN POLYTECHNIC
180	BLK 33 #01-01 TO BLK 33 #01-04 MARSILING INDUSTRIAL ESTATE ROAD 3, SINGAPORE 739256
181	BLK 33 #03-03 MARSILING INDUSTRIAL ESTATE ROAD 3
182	BLK 33 #04-06 MARSILING INDUSTRIAL ESTATE ROAD 3
183	BLK 33 #04-07&08 MARSILING INDUSTRIAL ESTATE ROAD 3
184	BLK 33 MARSILING INDUSTRIAL ESTATE RD 3
185	BLK 33 MARSILING INDUSTRIAL ESTATE RD 3
186	BLK 35 #01-04 WOODLANDS AVE 5 MARSILING INDUSTRIAL ESTATE ROAD 3
187	BLK 4 #06-01 LOYANG INDUSTRIAL ESTATE
188	BLK 4 #06-02 LOYANG INDUSTRIAL ESTATE
189	BLK 43 GILLMAN BARRACKS
190	BLK 47 ROOF TO ROE DEPT
191	BLK 54B, #02-03 ASTRID MEADOWS AT CORONATION ROAD WEST.
192	BLK 57 PART 5TH & PART 7TH STOREY



	ials Asia
OC 193T	NBER 72 EGEWEN ROAD
194	BLOCK AT 12 DYSON ROAD
195	BMW SHOWROOM,PERFORMANCE MOTORS AT ALEXANDRA ROAD
196	BUILLION OFFICE AT 506 CHAI CHEE LANE
197	BUKIT MERAH SHOWROOM
198	BUKIT TIMAH COURTS
199	BUKIT TIMAH SHOWROOM
200	BUKIT VIEW SCHOOL AT BUKIT PANJANG
201	BUKIT VIEW SECONDARY SCHOOL AT BUKIT BATOK ST 21
202	BUKIT VILLAS CONDO AT WOODLANDS
203	BUNGALOW HOUSE AT 160 CORONATION ROAD
204	BUS DEPOT
205	BUTTERWORTH
206	CAUSEWAY POINT SHOWROOM
207	CENTRAL KITCHEN AT UNIT NO. 12 ALJUNIED AVE 5
208	CHANEL ASIA AT #15-01 WHEELOCK PLACE
209	CHANGKAT PRIMARY SCHOOL - SIMEI ST 3
210	CHIJ PRIMARY SCHOOL AT 4 CHESTNUT DRIVE
211	CHIJ SCHOOL AT BARTLEY ROAD
212	CHILDCARE AT 2 BUKIT BATOK WEST AVE 7 #01-05
213	CHINESE HIGH SCHOOL AND HWA CHONG JC
214	CHOCOLATE FACTORY AT 5B PORTSDOWN ROAD
215	CHUAN LIM NEW OFFICE BUILDING
216	CINEMA TO A 3-STY RECREATION CTR AT ANG MO KIO AVE 6
217	CITY SQUARE CONDO AT KITCHENER ROAD
218	CIVIL, BUILDER & M&E WORK FOR PLANT 1, 2 & 3
219	CLASS 100K CLEANROOM
220	CLASSROOM BUILDING AT TAMPINES ST 62
221	CLEAN ROOM AT CROCODILE BUILDING
222	CLEAN ROOM AT SOLAR ENERGY
223	CLEAN ROOM CLASS 100
224	CLEAN ROOM CLASS 100
225	CLEAN ROOM, CONFERENCE ROOM, STORE AT UBI CRESCENT



# Aircon Materials Asia

	IUIS ASIU
<sup>OC</sup> 228 <sup>™</sup>	NCEEANROOM AT 133 TUAS SOUTH AVE 3
227	CLEANROOM AT 77 LOYANG WAY
228	CLEANROOM CLASS 10K AND CLASS 100K
229	CLEMENTI SHOWFLAT
230	CLIFFORD CENTRE FOODCOURT
231	CLINIC AT NUS
232	COFFEE SHOP AT BEDOK NORTH
233	COFFEE SHOP AT JURONG WEST
234	COLD ROOM FOR BATAM FACTORY
235	COLD ROOM FOR COMPOUND STORAGE
236	COLD STORAGE
237	COMMONWEALTH SHOPPING CENTRE
238	COMTECH BUILDING - 3RD & 4TH FLOOR
239	CONTROL ROOM AT SENOKO POWER STATION
240	CORONATION ROAD
241	COURSE BETTING CENTRE AT JALAN BUKIT MERAH
242	COURTS BT TIMAH BRANCH CUM OFFICE
243	COURTS SHOWROOM AT ANG MO KIO 2ND FLOOR
244	COURTS SHOWROOM SUNTEC CITY
245	COURTS TOA PAYOH
246	CRUISE CENTRE AT HARBOUR FRONT
247	DATA CENTER AT NCS @ BEDOK SOUTH ROAD
248	DATA CENTRAL @ 51 PIONEER SECTOR 1
249	DENGFU CONDO AT EUNOS
250	DENKA SSF PROJECT
251	DETACHED HOUSE AT 39 JALAN SINDOR
252	DETACHED HOUSE AT GROWHURST DRIVE
253	DISMANTLING SPRINKLER SYSTEM AT WAREHOUSE
254	DOLPHINE CENTRE AT SENTOSA UNDERWATER WORD
255	DOWNTOWN LINE PHASE 1 (CONTRACT 909)
256	D'PAVILION AT SERANGOON ROAD
257	DRT LAB AT 1ST FLOOR
258	DRYER ROOM AT 29 GUL CRESCENT

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	rials Asia
ROC 259T	NDUNMAN HIGH SCHOOL AT TANJONG RHU
260	ECO CONDO AT BEDOK
261	EDELWEISS CONDO AT CHANGI
262	ENVIRONMENTAL TECHNOLOGY INSTITUTE INNOVATION CENTRE (NTU)
263	ETUVE AREA AT 28 CHANGI NORTH RISE
264	EUNOS PARK CONDOMINIUM AT KAMPOUNG EUNOS
265	FACILITY JOB AT 3RD FLOOR - ANG MO KIO
266	FACTORY & OFFICE AREA AT TUAS AVE 9
267	FACTORY & OFFICE AT 60 TUAS ST 5
268	FACTORY & OFFICE AT BLK 1 KALLANG SECTOR
269	FACTORY AT BENOI ROAD
270	FACTORY AT 11 KIAN TECK DRIVE
271	FACTORY AT 17 SENOKO SOUTH
272	FACTORY AT 2 LOYANG LANE
273	FACTORY AT 29 SENOKO WAY
274	FACTORY AT 33 CHANGI SOUTH AVE 2
275	FACTORY AT 52 CHANGI SOUTH ST 1
276	FACTORY AT BLK 164 KALLANG WAY 4TH FLOOR
277	FACTORY AT CHANGI
278	FACTORY AT KAKI BUKIT
279	FACTORY AT LORONG BAKAR BATU
280	FACTORY AT TUAS WEST ROAD
281	FACTORY WITH OFFICE AT CHANGI NORTH RISE
282	FACTORY/OFFICE AT 33 TUAS AVE 11
283	FERRARIA PARK CONDO AT PASIR RIS
284	FIMAT, LEVEL #16-04 AT 80 ROBINSON ROAD
285	FIRST CENTRE AT SERANGOON NORTH AVE 4
286	FLAMMABLE MATERIAL STORE AT 18 BEDOK SOUTH ROAD
287	FLAMMABLE STORE AT 30 SHAW ROAD
288	FLAMMABLE STORE AT NO. 22 WOODLANDS WALK
289	FLAMMABLE STORE AT QUALITY CONTROL ROOM AT 21 TANJONG KLING
290	FOODCOURT AT COMPASSPOINT.
291	FOODCOURT AT VISTA POINT @ WOODLANDS DRIVE





IVI,	ulti	IUIS ASIU
RO	29 <b>2</b> ™	NFOODCOTT BASEMENT OF CLIFFORD CENTRE
	293	FORK LIFT DRIVEWAY AT PLANT 3
	294	GAYATRI RESTAURANT AT RACE COURSE ROAD
	295	GEMINI MACHINE AT SCIENCE PARK – 1 <sup>ST</sup> STOREY
	296	GENERAL CLEANING - KALLANG BAHRU BLDG
	297	GERMAN OFFICE
	298	GRIFFITHS PRIMARY SCHOOL AT TAMPINES
	299	GUNDRILL MACHINE ROOM
	300	HARBOUFRONT PASSENGER TERMINAL AND TANAH MERAH FERRY TERMINAL
	301	HARBOURFRONT CENTRE AT 1 MARITME SQUARE
	302	HARBOURFRONT PASSENGER TERMINAL
	303	HDB BUKIT PANJANG (BLK 455A, 1ST STOREY EDUCATION CENTRE
İ	304	HEALTH SCIENCE SERVICES
İ	305	HENDERSON INDUSTRIAL PARK
İ	306	HOSTEL @ ADIS ROAD
İ	307	HWA CHONG INTERNATIONAL SCHOOL
	308	ICA SERVER ROOM AT SINGAPORE CRUISE CENTRE PTE LTD AT HARBOURFRONT PASSENGER TERMINAL
	309	IMM BUILDING
	310	IN ROW SC AIR-COOLED SELF CONTAINED AIR-CONDITIONER AT I.T.E. SIMEI
	311	IND BLDG AT TUAS VIEW CRESCENT
	312	INTERNATIONAL FUNITURE CENTRE AT SUNGEI KADUT
	313	INTER-PACIFIC PETROLEUM PTE LTD @ MBFC #18-04
	314	IPA & FM SYSTEM FOR PLANT 2
Ī	315	IPA SYSTEM FOR 5 TUAS LINK 2 FOR CLASS 100 CLEANROOM
	316	IPA SYSTEM TO UNIT 7 TUAS LINK 2 FOR CLASS 100 CLEANROOM
	317	ISTANA TEMPORARY SHED
	318	ITE COLLEGE EAST SPORTS EXCELLENCE CENTRE
	319	JACKSON SQUARE #03-00
	320	JAKARTA JOB
Ī	321	JEM SHOPPING
Ī	322	JOO KOON NTUC
Ī	323	JOO KOON ROAD
-	324	JURONG EAST ENTERTAINMENT CENTRE



	Armaflex Class 1, O, ArmaSound Barrier E, ArmaPhonic,etc
	ials Asia
	NFURONC ISLAND
326	JURONG ISLAND (ACMV)
327	JURONG POINT
328	JURONG POINT COURTS FURNITURE
329	JURONG POLYCLINCS - REPLACEMENT OF CU 2-2 & 7 FCU WITH NEW VRV IV
330	JURONG PRIME WORK AT 31,CHANGI NORTH CRESCENT
331	KALLANG POWER STATION
332	KALLANG SHOWROOM CUM WAREHOUSE
333	K-BOX AT BOARDWAY
334	KEPPEL BAY
335	KEPPEL SHIPYARD - FOREMAN OFFICE BUILDING
336	KEPPEL SHIPYARD MAIN BUILDING AT TUAS
337	KL AU'S NEW OFFICE
338	KOUFU FOOD COURT AT TOA PAYOH CENTRAL
339	LE NOUVEL @ ADMORE PARK
340	LEVEL 3 AT 166 KALLANG WAY
341	LIVIA CONDO AT PASIR RIS
342	LOGISTIC OFFICE CUM WAREHOUSE AT ALPS AVENUE
343	LONGTECH ENGINEERING WAREHOUSE AT WOODLANDS LOOP
344	LOR AH SOO TO SERANGOON NORTH ST 1
345	LOT 00265X MK01 AT 5 LENG KEE ROAD, SINGAPORE 159089 (BUKIT MERAH PLANNING AREA)
346	LOT 00426A TS 28 AT NO. 4C BUCKLEY ROAD (NOVENA PLANNING AREA)
347	LOT 00615N & 00614K MK10 AT 9 & 11 LORONG PISANG RAJA (BUKIT TIMAH PLANNING AREA)
348	LOT 00911V TS 12 AT 24 & 26 LIANG SEAH STREET
349	LOT 01013T AND 02471X MK 22 AT CHARLTON LANE / UPPER SERANGOON ROAD
350	LOT 01238M MK34 AT NO. 61 SERAYA AVENUE
351	LOT 01370X (PLOT A3001061) MK 11 AT NO. 27 SUNGEI KADUT ST 2 (SUNGEI KADUT PLANNING AREA)
352	LOT 01808L PT MK 13 AT 20 SENOKO DRIVE (SEMBAWANG PLANNING AREA)
353	LOT 02304K MK06 AT 59 FABER PARK
354	LOT 02743W PT MK 07 AT TUAS CRESCENT (TUAS PLANNING AREA)
355	LOT 0337V PT & 03334C MK 01 FOR OUTRAM MEDICAL CAMPUS, MACALISTER ROAD
356	LOT 03828X MK 13 AT 1 WOODLANDS STREET 83 SINGAPORE 738488
357	LOT 03838W & 04574C MK 03 AT HARBOUR DRIVE - ACMV SYSTEM





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ROC 358	TNLថា។ ប៉ុន្មារីទីនិង MK 03 AT 10 KENT RIDGE CRESCENT (QUEENSTOWN PLANNING AREA)
359	LOT 07285K AT MO. 4 BISHAN STREET 13 (BISHAN PLANNING AREA)
360	LOT 08745K MK 05 AT JALAN LEMPENG (CLEMENTI PLANNING AREA)
361	LOT 09540N MK 27 AT NO. 23 CHANGI SOUTH AVE 2 (TAMPINES PLANNING AREA)
362	LOT 1045T MK 21 AT SENGKANG EAST WAY
363	LOT 1642A MK 14 AT BUKIT PANJANG RING ROAD
364	LOT 1657N & 1658X MK 22 AT 42 & 44 JALAN TENON (HOUGANG PLANNING AREA)
365	LOT 1872M MK 16 AT NO 15 WAJEK WALK
366	LOT 1889 MK 17 AT 19 JALAN SEJARAH (NOVENA PLANNING AREA)
367	LOT 2014 MK 34 AT COVE DRIVE (ART HOUSE).
368	LOT 2019, 2020, 2021 & 2022 MUKIM 10 AT YUK TONG AVENUE, AIR-CONDITIONING & MECHANICAL VENTILATION SYSTEM
369	LOT 2529C MK 7 AT NO. 81 TECH PARK CRESCENT
370	LOT 2981A MK 27 AT 211 BEDOK ROAD (BEDOK PLANNING AREA)
371	LOT 3175W MK 26 AT 4A STILL LANE (BEDOK PLANNING AREA)
372	LOT 3262P (PLOT A20282) MK 05 AT NO. 52 TANJONG PENJURU (JURONG EAST PLANNING AREA)
373	LOT 3349W & 3534A MK 2 AT NO 12 SWETTENHAM ROAD (NEW ADDRESS 11 SWETTENHAM GREEN) (TANGLIN PLANNING AREA), SINGAPORE
374	LOT 3722V MK3 AT 1207 DOVER ROAD SINGAPORE 139654
375	LOT 4142K PT (JTC PLOT A0973401) MK 31 AT CHANGI NORTH RISE
376	LOT 94449K MK 26 AT 44 DUNBAR WALK
377	LOT 94507K MK 26 AT 41 FRANKEL AVENUE (VEDOK PLANNING AREA)
378	LOT 97094N MK 24 AT 19 LORONG BACHOK (GEYLANG PLANNING AREA)
379	LOT 98449L & 98450N MK 01 AT 27 & 29 LENG KEE ROAD (BUKIT MERAH PLANNING AREA)
380	LOT 98954K MK 18 AT 33 FARLEIGH AVENUE (SERANGOON PLANNING AREA)
381	LOT 99342C MK 15 AT NO. 23 MARIGOLD DRIVE
382	LOT 99343M MK 15 AT 25 MARIGOLD DRIVE
383	LOT 99345T MK 17 AT 45 MERRYN ROAD
384	LOT 99544P TS 17 AT 270 JALAN BESAR (KALLANG DGP)
385	
386	LOTS 01135T, 01589L, 01595W, 01596V, 01597P, 01651C, 1696C, 01697M,02621L, 02624W,02672W, 02673V & 02675T TS18 AT MERGUI ROAD (KALLANG PLANNING AREA)
387	LOTS 05697X, 05698L & 05699C AT TANJONG KATONG ROAD (MARINE PARADE DGP)
388	LOTS 1703 & 2888PT MK 03, 10 KENT RIDGE CRESCENT, SINGAPORE 119260 (YUSOFF ISHAK CANTEEN)
389	LOTS 622, 623, 624, 625 & 626 TS 18 AT NO. 83 TO 91 RANGOON ROAD
390	M/S JURONG ENGINEERING



	Armaflex Class 1, O, ArmaSound Barrier E, ArmaPhonic,etc
	erials Asia
ROC 39	FT M/S MERATA EAST ASIA
39	M/S OTIS AT #31-05 CONCOURSE
39	MALAY HERITAGE AT JOO CHIAT ROAD
39	MARINA COLLECTION CONDO AT SENTOSA COVE
39	MARINA SQUARE 2ND FLR JAPANESE RESTAURANT
39	MARINE PARADE SHOWROOM
39	MARSILING IND. ESTATE ROAD 3
39	MEI BAN BUILDING
39	MEIJI SEIKA BUILDING AT 36, QUALITY ROAD
40	00 MEYER CONDO AT TANJONG KATONG
40	MEZZANINE FLOOR @ SINGAPORE SCIENCE CENTRE
40	MIDLAND BUILDING
40	MID-LINK BUILDING AT MIDDLE ROAD
40	MK 15 AT DUNEARN ROAD / LINDEN DRIVE
40	
40	MOBIL PETROL KIOSK - 1027 UPPER SERANGOON, 590 & 593 SEMBAWANG ROAD, TANJONG KATONG & HOUGANG
40	MOSQUE AT YISHUN AVE 2
40	MOUNT ALVERNIA HOSPITAL
40	NAN HUA SEC SCH - CLEMENTI AVE 1
41	0 NATIONAL MUSEUM
41	NATIONAL POLICE CADET CORPS CAMPSITE AT PUALAU UBIN
41	12 NCS BUILDING
41	
41	NEW CHEERS OUTLETS FOR ESSO-EXXON MOBIL AT CHOA CHU KANG STATION – 50 CHOA CHU KANG DRIVE, TAMPINES AVE 7 & 9
41	NEW HIGH-SPEED ROOM, CMM 2 AND NEW PRODUCTION OFFICE AND QA / STORE ROOM
41	16 NEW YORK UNIVERSITY AT KAY SIANG ROAD
41	NEW NTUC AT 12 MIDDLE ROAD, PRINSEP ST - IOI PLAZA
41	NEW TECH PARK
41	NIPPON EXPRESS WAREHOUSE AT CHANGI / ALPS ROAD
42	20 NO 12 JOO KOON CRESCENT

Tel: (65) 6743 4456 Fax: (65) 6743 9949

NO 17 SAKRA ROAD, PULAU SAKRA JURONG ISLAND ROOM

421 NO 14 BENOI CRESCENT

NO 5 LITTLE ROAD

422



# Aircon Materials Asia

ш	ulGi	IUIS ASIU
		NN 6081ENTERPRISE ROAD
	425	NO. 1 JALAN KILANG TIMUR #05-03
	426	NO. 1 TUAS BASIN CLOSE
	427	NO. 13 TUDOR CLOSE (INSTALLATION OF AIR-CON)
	428	NO. 13 WESTWOOD WALK
	429	NO. 2 SIMEI STREET 3
	430	NO. 3 COMMONWEALTH DRIVE
	431	NO. 41 SUNGEI KADUT STREET 1
	432	NO. 5 LIFT LUP (57) UPGRADING AT BUFFALO ROAD
	433	NO. 5 UBI CLOSE
	434	NO. 51 BUKIT BATOK CRESCENT #01-11 UNITY CENTRE
	435	NO. 6 JALAN SOO BEE
ĺ	436	NO. 8 JALAN LEMBAH KALLANG, #01-01, #02, #05, #06 & #07
ĺ	437	OASIS CONDO AT ELIAS CONDO
ĺ	438	OFF COURSE BETTING CENTRE AT BLK 267 SERANGOON AVE 3 #02-02
ĺ	439	OFFICE AND FACTORY RENOVATION AT 33 CHANGI SOUTH AVE 3
ĺ	440	OFFICE AREA AT 2ND STY
ĺ	441	OFFICE AREA AT TIMES CENTRE - NEW INDUSTRIAL RD
ĺ	442	OFFICE AT #01-10 APS IND BLDG
ĺ	443	OFFICE AT 2ND FLR, 101 ALPS AVE FOR SANOFI OFFICE
ĺ	444	OFFICE AT JALAN TEPONG LOGISTICS HUB
ĺ	445	OFFICE AT LOYANG WAY 4
Ī	446	OFFICE AT NEW TECH PARK - 151 LORONG CHUAN
	447	OFFICE AT WOODLANDS
Ī	448	OFFICE BLDG AT 110 ROBINSON ROAD
	449	OFFICE BLDG AT PIONEER SECTOR 1
Ī	450	OFFICE UNIT AT 2ND STOREY @ NEHSONS BLDG
	451	OG ALBERT COMPLEX
ĺ	452	ONE CHOA CHU KANG
	453	ONE DEGREE 15,YACHT CLUB AT SENTOSA
	454	ONE FULLERTON BUILDING AT NO. 1 FULLERTON ROAD
	455	ONE SHENTON AT SHENTON WAY
	456	ONE-NORTH ROCHESTER AT BOUNA VISTA
-		

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		Armaflex Class 1, O, ArmaSound Barrier E, ArmaPhonic,etc
		ials Asia
RO	°499™	NORANGE <sup>2</sup> FEE HQ AT TOA PAYOH CENTRAL
	458	ORION CONDO AT ORCHARD
	459	PANDAN LOOP
	460	PANTECH 21 BUILDING PANDAN LOOP
	461	PARK VIEW CONDO AT WEST COAST ROAD
	462	PEI CHIN SECONDARY SCHOOL AT CLEMENTI
	463	PENANG ROAD
	464	PHO HUAT CONDO
	465	PLATINUM YOGA STUDIO @ SUNTEC CITY
	466	POPULAR BRAS BASAH
	467	PRAYING ROOM AT 817 BUKIT BATOK WEST AVE 5
	468	QUARTZ INDUSTRIAL BUILDING - 5 UPPER ALJUNIED LINK
	469	QUEENSTOWN REMAND PRISON
	470	RAFFLES CITY
	471	RAFFLES CITY TOWER
	472	REPUBLIC PLAZA 49 STOREY
	473	RESTAURANT AT 450 UPPER BUKIT TIMAH ROAD
	474	RETAIL WAREHOUSE AT TAMPINES
	475	RICHFIELD BUILDING AT SERANGOON AVE 5
	476	RIFLE RANGE ROAD
	477	RIVER GATE CONDO AT MARTIN ROAD
	478	RIVER VALLEY PRI SCH
	479	RIVERSIDE 48 AT MOHAMED SULTAN ROAD
	480	ROOF TOP @ 47 AYER RAJAH CRESCENT
	481	ROOF TOP AND 7TH FLOOR AT NO 2 KALLANG SECTOR
	482	ROOM CARD CONTROL SYSTEM FOR PENTA HOTEL
	483	ROYAL PLAZA
	484	SAFRA TOA PAYOH
	485	SAFRA TOWN CLUB AT TELOK BLANGAH
	486	SALINE ROOM AT 133 TUAS SOUTH AVE 3
	487	SANDILANDS
	488	SANTORINI CONDO AT TAMPINES
	489	SCHOOL HALL AT HOUGANG



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VI <u>uiti</u>	IUIS ASIU
oc 49∂™	NSCHENCE PARK UNIT 51 (THE FARADAY)
491	SEAGATE AT WOODLANDS
492	SEMI-DETACHED DWELLING HOUSE AT FABER CRESCENT
493	SEMI-DETACHED DWELLING HOUSE AT JLN KETUMBIT
494	SENGKANG COMMUNITY BUILDING AT SENGKANG CENTRAL
495	SENOKO AVE 1 #04-07
496	SENTOSA HOTEL , CAPELLO
497	SERVER ROOM - 1 FINLAYSON GREEN #18-00
498	SERVER ROOM @ WINDSLAND HOUSE BLDG 2
499	SERVER ROOM AT BLK 28 AYER RAJAH CRESCENT
500	SERVER ROOM AT ICON @ INTERNATIONAL BUSINESS PARK
501	SERVER ROOM AT MHA @ ONREAT ROAD
502	SERVER ROOM AT PRUDENTIAL TOWER, 26TH STY
503	SHERWOOD ROAD
504	SHOWROOM AT LOR 6 TOA PAYOH
505	SIA CARGO COMPLEX AT CHANGI
506	SIA TRAINING CENTRE
507	SIN MING LANE #04-25/26/27
508	SINGAPORE ART MUSEUM
509	SINGAPORE CAFE @ JURONG LINK
510	SINGAPORE FURNITURE BUILDING AT SUNGEI KADUT
511	SINGAPORE LNG TERMINAL
512	SINGAPORE POST CENTRE
513	SINGLE STOREY FACTORY & PART 4TH STOREY ANCILLARY OFFICE AT WOODLANDS LOOP
514	SINGLE STOREY LOGISTICS CENTRE AT 20 PANDAN ROAD
515	SMOKE STOP LOBBY AT BASEMENT 1, EUNOS RD SINGAPORE POST CENTRE
516	SPASTIC CHILDREN'S ASSOCIATION OF SINGAPORE AT PASIR RIS
517	SPC ANG MO KIO AVE 5 PETROL STATION
518	SPM OFFICE, 1ST STY
519	SPRINKLER PIPEWORK FOR PRODUCTION
520	SPRINKLER POINTS FOR UTILITIES SERVICE AT SEAGATE ANG MO KIO
521	SSMC WAFER FAB AT TUAS
522	ST 70 JALAN LEKAR
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Office: 50 Kallang Pudding Road, #01-01 AMA Building, Singapore 349326.





524 ST 525 ST 526 ST	ANDREW CTHERAL AT NORTH BRIDGE ROAD  JOSEPH INSTITUATION AT THOMSON  MICHAEL CONDO
525 ST 526 ST	JOSEPH INSTITUATION AT THOMSON
526 ST.	
	.MICHAEL CONDO
527 CT	
527 ST.	PATRICK CONDO
528 STA	ARHUB OFFICE
529 STC	OREHUB AT TOA PAYOH LOR 4
530 SU	NTEC CITY DATA CENTRE
531 SU	NTEC CITY MALL - DATA CENTER (RED ZONE)
532 SUI	PERINTENDENT BUILDING
533 TAI	I SENG AVE FOR ASIA GLOBAL
534 TAI	MPINES MALL SHOWROOM
535 TA	N TOCK SENG HOSPITAL AT BALESTIER / NOVERNA
536 TAI	NAH MERAH FERRY TERMINAL
537 TAI	NAH MERAH FERRY TERMINAL AT 50 TANAH MERAH FERRY ROAD
538 TA	NAH MERAH SHOWFLAT
539 TAI	NGLIN TRUST SCHOOL AT PORTSDOWN ROAD
540 TEC	CH POINT #03-21
541 TEI	KKA MALL
542 TEI	LOK BLANGAH COMMUNITY CENTRE
543 TEN	MASEK POLY AT TAMPINES
544 TEN	MBUSU CRESCENT AT JURONG ISLAND
545 TEH	RMINATION OF SPRINKLER PIPEWORK
546 TH	IALES AEROSPACE FACTORY AT CHANGI / ALPS ROAD
547 THI	IE CHUAN CONDO AT LOR CHUAN
548 THI	IE OMNI THEATRE, S'PORE SCIENCE CENTRE
549 THI	IE SAIL AT RAFFLES PLACE
550 THI	IE SKY II AT THOMSON
551 THI	IE VIEW @ MEYER ROAD
552 TH	IONG TECK BUILDING AT 9TH STOREY
553 TOI	DILET AT IMM BUILDING
554 TO	OWER @ NORTH BUILDING
555 TO	OWER 1 CITYLIGHTS CONDOMINIUM AT JELLICOE ROAD







HMIVI	INIS ASIA
ROC 558T	NTRAFIGURA OFFICE AT WHEELOCK PLACE
557	TUAS INCINERATION PLANT
558	TUNNEL FLOWHOOD - ANG MO KIO
559	UOB BANK AT TAMPINES
560	VERTIA WAREHOUSE AT SERANGOON ROAD
561	VICTORIA SCHOOL & HOSTEL AT SIGLAP LINK / MARINE PARADE ROAD
562	VIRGIN ACTIVE @ RAFFLES PLACE - ACMV WORKS
563	VOLARI CONDO AT BALMORAL ROAD
564	WAREHOUSE BOUNDARY AT 3 TUAS LINK 2
565	WATERSCAPE CONDO AT CAVENGAH ROAD
566	WHITE WATER EC AT PASIR RIS
567	WHITLEY SECONDARY SCHOOL AT BISHAN
568	WILKIE CONDO AT SELEGIE ROAD
569	WINSLAND HOUSE BLDG 2 #07-03 SERVER RM
570	WORKING PLATFORM FOR COOLING TOWER
571	YUAN CHING PRIMARY SCHOOL AT BOON LAY