



Project Title	Consultant
National Institute of Education	CPG
Cantonment Complex	CPG
PSA Terminal 3	PSA
Tuas Checkpoint	CPG
King's Centre Building	Squire Mech
Pasir Laba Camp	Parsons
Warren Golf & Country Club	P.Tan & Partners
Changi Airport Police Station	CIAS
Fullerton Square	PCR
Yishun Secondary School	CPG
Pasir Ris Secondary	CPG
Mobile One Building	Regional
Tekong Camp	DSTA
Bukit Panjang Plaza Complex	H Y M&E
Harbour Front	Meinhart
Garden at Bishan Condominium	United Projects

## EMTECH ELECTRICAL EARTHING & LIGHTNING PROTECTION PRODUCTS

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Tan Teck Seng Electric Co. (Pte) Ltd

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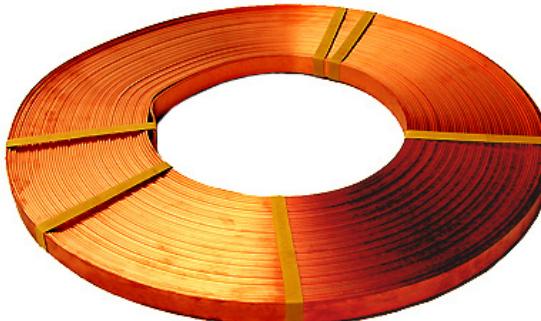
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**○ BARE ALUMINIUM TAPE****Bare Aluminium Tape**

Material	Aluminium
Size	25 x 3mm
Product Code	AT-1-C

**○ BARE COPPER TAPE****Bare Copper Tape**

Material	Copper
Size	25 x 3mm
Product Code	CT-1-50

**○ ALUMINUM TAPE-CLIP****Aluminum Tape-Clip**

Material	Aluminum
Size	1" x 1/8"
Product Code	SB-1-A

**○ ALUMINIUM SQUARE TAPE CLAMP****Aluminium Square Tape Clamp**

Material	Aluminium
Product Code	TC-S-A

**○ BRASS TAPE-CLIP****Brass Tape-Clip**

Material	Brass
Size	1" x 1/8"
Product Code	SB-1-B

**○ BRASS SQUARE TAPE CLAMP****Brass Square Tape Clamp**

Material	Brass
Product Code	TC-S-B

**○ HEAVY DUTY METALLIC DC TAPE-CLIP****Heavy Duty Metallic DC Tape-Clip**

Material	Brass
Size	1" x 1/8"
Product Code	SB-1-BH

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○ BRASS ROUND TEST CLAMP



Brass Round Test Clamp

Material	Copper Alloy
Tape Size	25 x 3mm
Product Code	EL-TC-R-E

○ BI-METALLIC CONNECTOR



Bi-Metallic Connector

Material	Copper/ Aluminium
Product Code	BM1

○ LIGHTNING TEST LINK BOX



Lightning Test Link Box

Size	125mm x 125mm x 40mm
Product Code	Aluminium : TLB Stainless Steel : TLB-SS

○ GALVANIZED LID INSPECTION PIT



Galvanized Lid Inspection Pit

Material	Plastic base with hot-dipped galvanized cover
Product Code	GIP

○ POLYMER LID INSPECTION PIT



Polymer Lid Inspection Pit

Material	Plastic base with polymer cover
Product Code	EL-EPP

○ CAST IRON LID INSPECTION PIT



Cast Iron Lid Inspection Pit

Material	Plastic base with cast iron cover
Product Code	EL-EPIC

○ SQUARE CONCRETE EARTH PIT



Square Concrete Earth Pit

Material	Concrete
Product Code	CIP-S

○ HEAVY DUTY CIRCULAR CONCRETE EARTH PIT



Circular Concrete Earth Pit

Material	Concrete
Product Code	CIP-C

○ EARTH ROD



Copper Bonded Steel Rod

Size	5/8" x 6ft 3/4" x 6ft
Product Code	CR586E CR586E-250 CR346E

○ DRIVING STUD



Driving Stud

Size	5/8" 3/4"
Product Code	ST58 ST34

○ BRASS COUPLING



Brass Coupling

Size	5/8" x 70mm 3/4" x 70mm
Product Code	CB58E CB34E

○ BRASS HEAVY DUTY SQUARE TEST CLAMP



Brass Heavy Duty Square Test Clamp

Material	Brass
Product Code	TC-S-BH

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## ④ 4 HOLES EARTH POINT



4 Holes Earth Point  
Product Code | EP4H-S

## ⑤ ALUMINIUM AIR TERMINAL C/W BASE



Aluminium Air  
Terminal c/w Base

Material	Aluminium
Finial Point	1 ft, 1½ ft, 2 ft,
Size	2½ ft, 3 ft

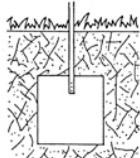
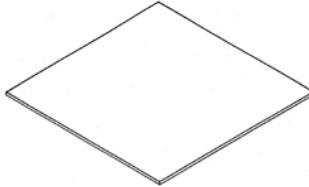
## ⑥ COPPER AIR TERMINAL C/W BASE



Copper Air Terminal  
c/w Base

Material	Copper/Brass
Finial Point	1 ft, 1½ ft, 2 ft,
Size	2½ ft, 3 ft

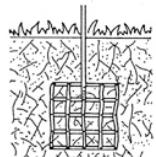
## ⑦ COPPER PLATE



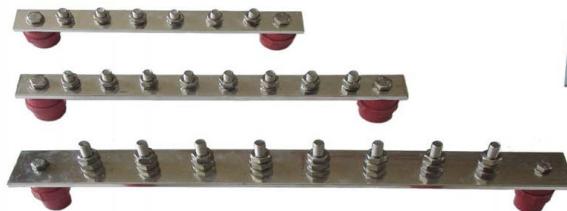
Copper Plate

Size	600 mm x 600mm x 1.5mm, 600 mm x 600mm x 3mm, 900 mm x 900mm x 1.5mm, 900 mm x 900mm x 3mm, 1200 mm x 1200mm x 1.5mm, 1200 mm x 1200mm x 3mm
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## ⑧ COPPER MESH



## ⑨ EARTH BARS



Optional:  
Earth Bar  
Base Bracket

Earth Bars

Size	4 way, 6 way, 8 way, 10 way, 12 way, 14 way
Material	Copper Tinned - 25mm x 6mm, 50mm x 6mm
Note	Other sizes can also be fabricated to requirement

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U CLAMP



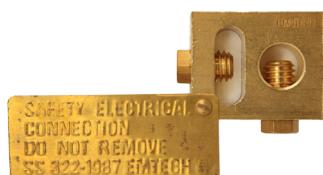
U Clamp

H CLAMP



H Clamp

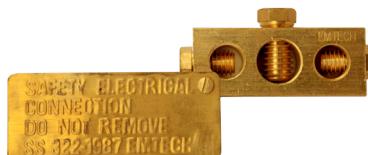
ROD TO TAPE CLAMP



Rod to Tape Clamp

Product Code | AC-E

ROD TO CABLE CLAMP



Rod to Cable Clamp

Product Code | BC-E

C Type Connector



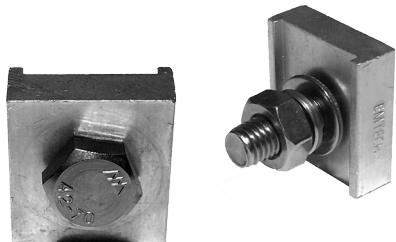
C Type Connector

Size	16mm, 25mm, 35mm, 50mm, 70mm, 95mm, 120mm, 150mm
Material	Copper Tinned

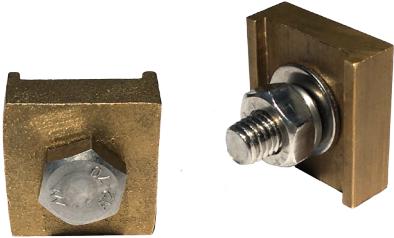
**U CLAMP****U CLAMP**

Material	Copper Alloy
Tape Dimensions	25 x 3mm , 25 x 6mm
Rod Diameter	5/8", 3/4"
Cable Diameter	50 - 95mm <sup>2</sup>
Product Code	EL-UCT-801

Custom sizes available

**○ ALUMINIUM B BOND CLAMP****Aluminium B Bond Clamp**

Material	Aluminium
Tape Size	25 x 3mm
Product Code	EL-BB-A-E

**○ COPPER B BOND CLAMP****Copper B Bond Clamp**

Material	Brass
Tape Size	25 x 3mm
Product Code	EL-BB-B-E

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<b>Strike Pad Brass</b>	
Material	Copper Alloy
Diameter	100mm
Thread Size	M10: Comes with Stainless Steel 40mm length dowel c/w bolt & washers  5/8": Comes without dowel
Application	Exposed attractive point on roof or side of building for hidden/ embedded conductor



<b>Strike Pad Aluminium</b>	
Material	Aluminium Alloy
Diameter	100mm
Thread Size	M10: Comes with Stainless Steel 40mm length dowel c/w bolt & washers  5/8": Comes without dowel
Application	Exposed attractive point on roof or side of building for hidden/ embedded conductor

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# **EMTECH WATER PROOF SEAL EARTHING SYSTEM**



**EL-EPP**  
LOCKABLE HIGH PERFORMANCE PVC PIT



**EL-WPSP1**  
EARTH ELECTRODE SEAL TOP

**EL-WPSP1-300**  
PIPE - 50MM X 300MM

# **EMTECH WATER PROOF SEAL EARTHING SYSTEM - DOUBLE FLANGE**



**EL-EPP**  
**LOCKABLE HIGH PERFORMANCE PVC PIT**



**EL-WPSP1**  
**EARTH ELECTRODE SEAL TOP**



**EL-WPSP2-1000**  
**PIPE - 50MM X 1000MM**



**EL-WPSP2**  
**EARTH ELECTORDE SEAL - BOTTOM**



## EL-EC-[PIPE DIAMETER]-E

PIPE BONDING CLIP

PRODUCT CODE	RECOMMENDED PIPE DIAMETER	LENGTH OF CLIP
EL-EC-1-E	1"	6"
EL-EC-2-E	2"	10"
EL-EC-3-E	3"	12"
EL-EC-4-E	4"	15"
EL-EC-6-E	6"	23"
EL-EC-8-E	8"	28"
EL-EC-10-E	10"	32"
EL-EC-12-E	12"	40"

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