



Senoko Fish Market



IRAS



Tuas Checkpoint



Changi Terminal 3



Pasir Panjang Terminal



NUS

AURORA™

• steel conduits & fittings •

PRODUCT CATALOGUE



Parliament House



NTU



Police Cantonment Complex



Changi General Hospital



ITE Simei



Ngee Ann Poly

Project Title	Consultants
Neighborhood Police Post Centre	PWD
Scotts 28 Condominium	JRP
Bank of China	PCR
Ngee Soon Medical Centre	Parsons
West Mall Shopping Centre	Alpha Engineers
Goldbell Tower	Rankine & Hill
NTU 3B	Indeco
Hill View Garden Condominium	DMS
Jubilee Church	Regional
SPH	Beca Carter
North Tech Park	Landlease
Pasir Panjang Terminal	PSA
Southaven Condominium Ph 1 & 2	Bescon
Bukit Panjang Plaza Complex	HY M&E
Centre Square Building	UPC
Eunos Tech Park	J M Pang
Aston Mansion	Kinhill
China Square Parcel F & G	Squire Mech
Tuas Check Point	CPG (PWD)
NUS – Faculty of Science	Indeco(CPG)
Higoak Condominium	Meinhardt
King's Centre Building	Squire Mech
Aspen Height Condominium	JRP
Bencoolen St Residential/Commercial	Technocon
Pasir Laba Camp	Parsons
Mobile One Building	Beca Carter
Tekong Camp	DSTA
Central Square Building	UPC
Roxy Square Building	J M Pang
Guthrie Building	Acer



Tan Teck Seng Electric Co. (Pte) Ltd

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ELECTRIC

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陳德盛電器(私人)有限公司
TAN TECK SENG ELECTRIC CO. (PTE) LTD.

Tan Teck Seng Electric Co Pte Ltd Company has been established since 1973. Being a supplier in the electrical industries for the past 3 decades, its core businesses lie in supplying electrical products to mostly M&E contractors and people in the construction and building related industries. Electrical products such as cable support system, conduits and accessories and lightning protection system are then provided.

Having been in the business of electric fittings for more than thirty years, we pride ourselves for the valuable knowledge and experience in the needs and design of conduit accessories to meet the challenge of the new millennium. In this catalogue, we offer a broad and comprehensive range of galvanized steel and brass conduit accessories which will match the demands of any projects using BS31 conduits. It is our hope that you will find the product details informative and applicable to your needs. We further assures our customers that we will continue to expand and improve the range of products.

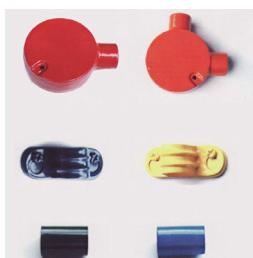


AURORA™
steel conduits & fittings.

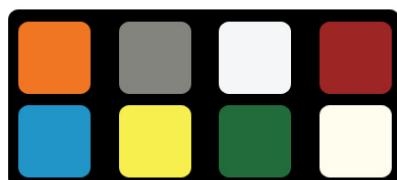
Aurora BS31 Class B Conduit Pipe

Aurora Brand British Standard Galvanised Steel Conduit					
BS31:1940 Class B (Screwed)/ Manufacture Standard					
Nominal Size		Outer Diameter		Wall Thickness	Calculated Weight with Coupler
		Maximum	Minimum	Nominal	
mm	in	mm	mm	mm	Kg/m
19	¾	19.1	18.8	1.60±0.15	±2.70
25	1	25.4	25.1	1.60±0.15	±3.40
32	1¼	31.8	31.5	1.60±0.15	±4.50
38	1½	38.1	37.8	1.80±0.32	±6.40
50	2	50.8	50.5	1.80±0.32	±9.50

Epoxy Powder Coated
Conduits & Accessories are available
to suit your M&E services requirement.



ORANGE GREY WHITE RED



BLUE YELLOW ARMY IVORY
GREEN

Colour Chart (Standard Colors)

The accuracy of colors shown in this chart are only as close as the printing process will allow.
Other colors available upon request.

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Conduit Boxes	
Material	Cast Iron
Finish	Galvanized
Fixing Centre	50.5mm, tapped 2BA (Earth Lug hole 1 x 2BA)
Size	¾", 1", 1¼", 1½", 2"



Terminal /
1 Way



Through /
2 Way



Angle



Tee /
3 Way



Cross /
4 Way

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AURORA™
• steel conduits & fittings •

Aurora Accessories



Circular Conduit Box Cover

Material	Galvanized steel
Finish	Galvanized
Available sizes	Small – for use with $\frac{3}{4}$ " & 1" boxes Large - for use with 32mm above sizes
Note: Rubber gasket to suit above covers also available on order.	



Reducer

Material	Galvanized steel
Finish	Galvanized



Half Saddle

Material	Galvanized steel
Finish	Galvanized
Available sizes	$\frac{3}{4}$ " ~ 1 $\frac{1}{4}$ " (20mm ~ 32mm)
Recommended use: Best used indoors, for light duty support of all types of conduit pipes.	



Coupling

Material	Galvanized steel
Finish	Galvanized
Available sizes	$\frac{3}{4}$ " ~ 2" (20mm ~ 32mm)



Hospital Saddle

Material	Hot-dipped galvanized cast – Iron Base c/w galvanized strap and 5/32"x 3/8" Screws
Finish	Galvanized
Available sizes	$\frac{3}{4}$ " ~ 1 $\frac{1}{4}$ " (20mm ~ 32mm)
Fixing height	10mm



Dome Cover (Screwed)

Material	Cast Iron
Finish	Plain galvanized
Fixing Centre	50.5mm
Available sizes	$\frac{3}{4}$ ", 20mm, 1", 25mm

Bar Saddle

Material	Galvanized steel
Finish	Galvanized
Available sizes	$\frac{3}{4}$ " ~ 2" (20mm ~ 32mm)



Flexible Steel Conduit

Material	Galvanized steel
Finish	Plain galvanized - unmarked
Available sizes	$\frac{3}{4}$ ", 1", 1 $\frac{1}{4}$ ", 1 $\frac{1}{2}$ ", 2"

Steel flexible conduit offers good mechanical protection when compared against upvc type.

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AURORA™
• steel conduits & fittings •

Aurora Accessories



Male Bush – Hexagon head, long type	
Material	Brass / Alloy
Finish	Natural
Available sizes	¾" ~ 2" & 20mm ~ 32mm



Locknuts – Hexagon	
Material	Steel / Alloy
Finish	Galvanized
Available sizes	¾" ~ 2" & 20mm ~ 32mm



Male Bush – Hexagon head, short type	
Material	Brass / Alloy
Finish	Natural
Available sizes	¾" ~ 2" & 20mm ~ 32mm



Steel Switch & Socket box – 1 gang	
Material	Galvanized steel sheet
Finish	Galvanized
Dimensional	75 x 75 x 35mm (with mixed 20/25mm k.o's)
Fixing Centre	60.3mm to suit standard BS switch & socket outlets (Tapped earth hole at base of box)



Flexible Adaptors	
Material	Brass / Alloy
Finish	Natural, supplied c/w brass retaining screw
Available sizes	¾" x ½", ¾" x ¾", 1" x ¾", 1" x 1", 1 ¼" x 1 ¼", 1 ½" x 1 ½", 2" x 2", 20 x 5/8, 20 x ¾, 25 x ¾, 25 x 1



Steel Switch & Socket box – 2 gang	
Material	Galvanized steel sheet
Finish	Galvanized
Dimensional	135 x 75 x 35mm (with mixed 20/25mm k.o's)
Fixing Centre	120.6mm to suit standard BS switch & socket outlets (Tapped earth hole at base of box)



Plugs – Brass Slotted	
Material	Brass
Finish	Natural
Available sizes	¾" ~ 2" & 20mm ~ 32mm

Note: Larger size plugs also available upon request.



Socket Joint	
Material	Galvanized steel
Finish	Galvanized
Available sizes	¾", 1"

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AURORA™
• steel conduits & fittings •

Aurora PVC Coated Flexible Conduit



PVC coated galvanized flexible conduit fitted with a nickel plated adapter

PVC-coated Galvanized Flexible Conduit

Features	Water resistant, with maximum protection against most liquids and solid particles. High temperature heat resistance and self extinguishing black pvc sheathing. Manufactured to withstand vibrations of installations and equipment. Flexibility in installation. Wide range of conduit sizes.
Applications	Provide maximum protection of cables in installation against ingress of solid particles and liquids. It can be installed in most electrical applications where a good protective support for cables are needed. Used in areas as diverse as building automation systems, underfloor, machinery, air-con controls, lightning and power circuits installations and many other applications where good electrical support systems are needed.

Other Accessories

Hanging Rod

L-Bracket

Spring-Clip

Conduit Pipe Bender



Kon-Clip



C-Bracket



Cable Roller



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TEST REPORT: 7191004628-CHM11-LSM-CR1

Date: 19 APR 2011

Tel: +65 68851335 Fax: +65 67784301

Client's Ref:

Email: Sihai.LI@tuv-sud-psb.sg

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PSB Singapore

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SUBJECT

Testing of Conduit Pipe for Resistance to Corrosion .
Medium / Heavy Protection (BS31 : 1940)

CLIENT

Tan Teck Seng Electric Company Pte Ltd
137 Kaki Bukit Ave 1
Shun Li Industrial Park
Singapore 416003

Attn: Ms.Annie

SAMPLE SUBMISSION DATE / TEST DATE

11 Apr 2011 / 13 Apr 2011

DESCRIPTION OF SAMPLE

Two Samples of %Aurora+conduit pipe, ¾+and 1+were received.

METHOD OF TEST

BS 31 : 1940
Steel Conduit and Fittings for Electrical Wiring
Class 3. Medium / Heavy Protection
(Inside as Class 2, Outside as Class 4)



Laboratory:
TÜV SÜD PSB Pte. Ltd.
No.1 Science Park Drive
Singapore 118221

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Fax : +65-6776 8670
E-mail: testing@tuv-sud-psb.sg
www.tuv-sud-psb.sg
Co. Reg : 199002667R

Regional Head Office:
TÜV SÜD Asia Pacific Pte. Ltd.
3 Science Park Drive, #04-01/05
The Franklin, Singapore 118223
TÜV®

**RESULTS**

Test	Resistance to Corrosion Test (Class 3. Medium / Heavy Protection)	
	Interior Surface Medium Protection (Class 2)	Exterior Surface Heavy Protection (Class 4)
¾%Conduit Pipe	Passed	Passed
1%Conduit Pipe	Passed	Passed

LEOW SIONG MING
TECHNICAL EXECUTIVE

for **DR LI SIHAI**
AVP / SENIOR CHEMIST
COATINGS & INDUSTRIAL CHEMICALS
CHEMICAL & MATERIALS

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March 2010

TEST REPORT: 7191014002-CHM11-01-DCB

Date: 16 AUG 2011

Tel: +65 68851335 Fax: +65 67784301

Client's Ref:

Email: Sihai.LI@tuv-sud-psb.sg

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PSB Singapore

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SUBJECT

Testing of Conduit Boxes for Resistance to Corrosion –
Medium / Heavy Protection (BS31 : 1940)

CLIENT

Tan Teck Seng Electric Company Pte Ltd
137 Kaki Bukit Ave 1
Shun Li Industrial Park
Singapore 416003

Attn: Ms.Annie

SAMPLE SUBMISSION DATE / TEST DATE

10 Aug 2011 / 12 Aug 2011

DESCRIPTION OF SAMPLE

Two samples of "Aurora" brand conduit boxes, ¾" and 1" were received.

METHOD OF TEST

BS 31 : 1940
Steel Conduit and Fittings for Electrical Wiring
Class 2. Medium / Heavy Protection
(Inside as Class 2, Outside as Class 4)



Laboratory:
TÜV SÜD PSB Pte. Ltd.
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TÜV SÜD Asia Pacific Pte. Ltd.
3 Science Park Drive, #04-01/05
The Franklin, Singapore 118223
TUV®



PSB Singapore

RESULTS

"Aurora" brand conduit boxes

Test	Resistance to Corrosion Test (Class 3. Medium / Heavy Protection)	
	Interior Surface (Class 2)	Exterior Surface (Class 4)
3/4" Conduit Box	Passed	Passed
1" Conduit Box	Passed	Passed

A handwritten signature in black ink that appears to read "EBD blynn".

DULIN CHRISTIAN BRYAN
CHEMIST

A handwritten signature in black ink that appears to read "Eva".

for DR LI SIHAI
AVP / SENIOR CHEMIST
COATINGS & INDUSTRIAL CHEMICALS
CHEMICAL & MATERIALS

TEST REPORT: 7191014002-CHM11-01-DCB

16 AUG 2011



PSB Singapore

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July 2011

