18. SSO for general purpose not readily accessible

- SSO for general purpose shall be mounted at a height not more than 1.8m from the floor or working platform
- SSO in shelves shall be installed within 150mm from edge and shall not be blocked

X



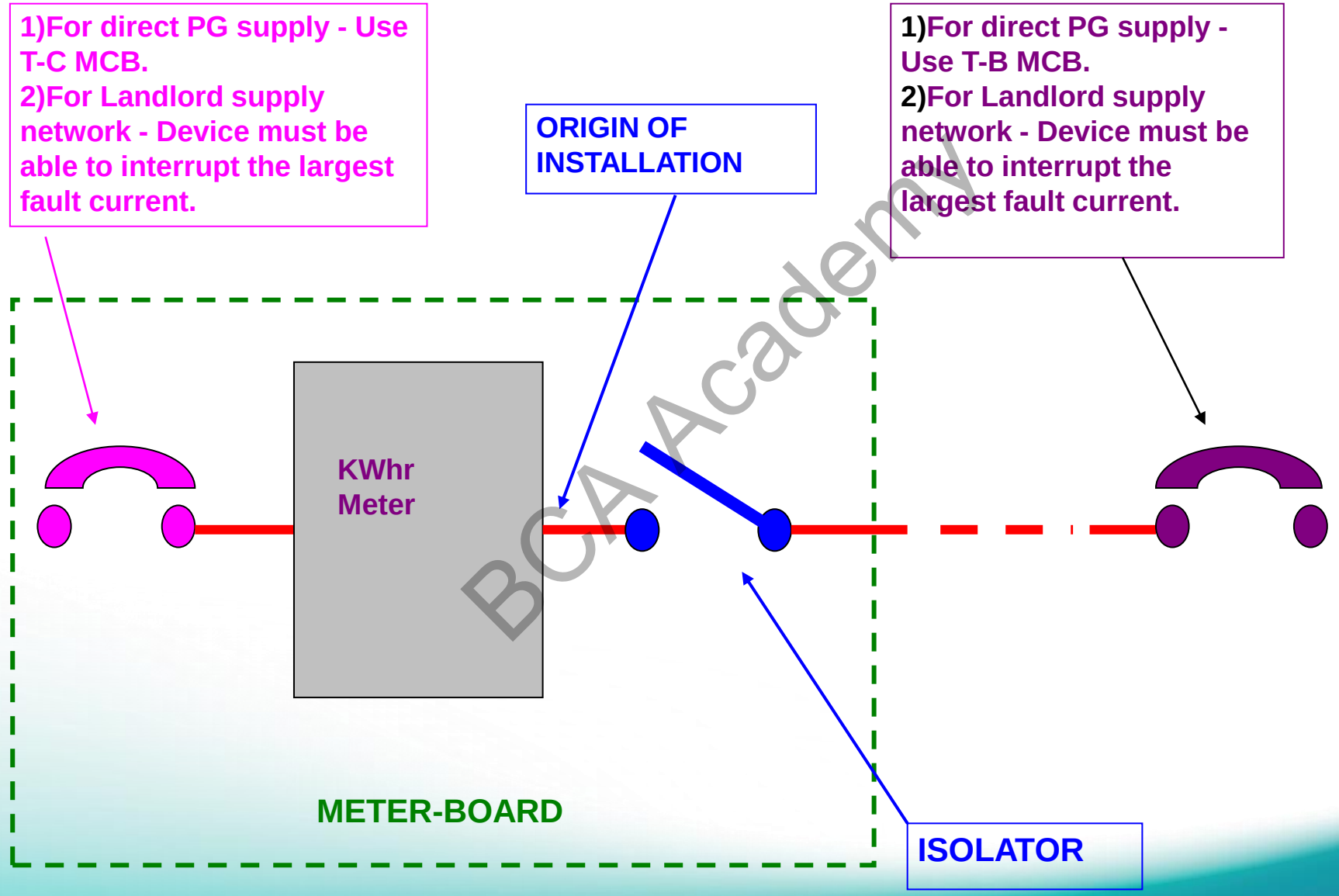
X





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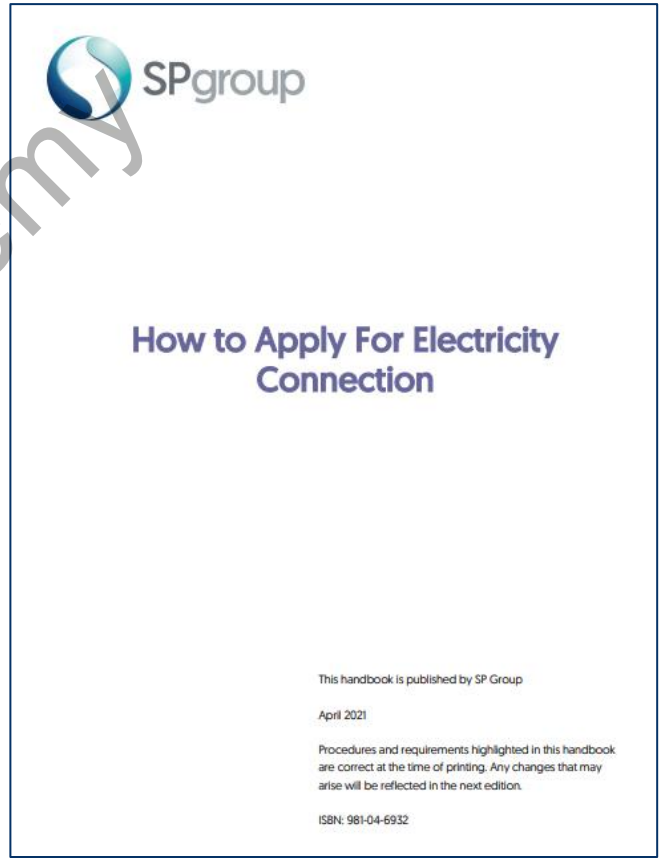
19. Wrong sequence of control at meter board



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20. Meter board/meter compartment at gatepost not complying with requirements

Detailed Information on meter board/meter compartment at gatepost could be obtained from SP PowerGrid's "How to Apply for Electricity Connection" handbook which is available at SP Group website

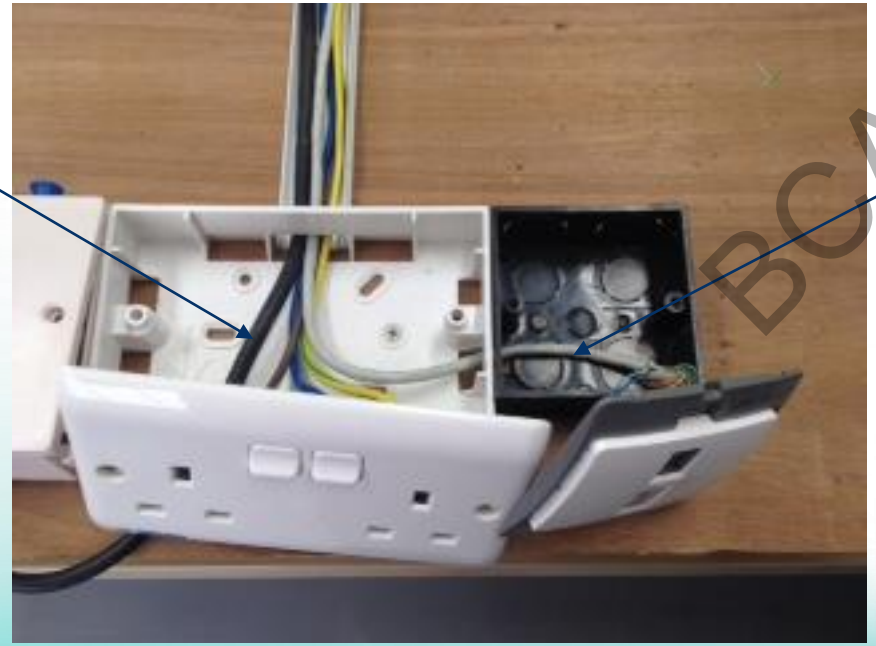


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21. Cable in same conduit/ trunking/ duct with other services

E.g. Sharing of power cables with telephone and SCV cables in the same conduit

E.g. Lack of sufficient segregation between services



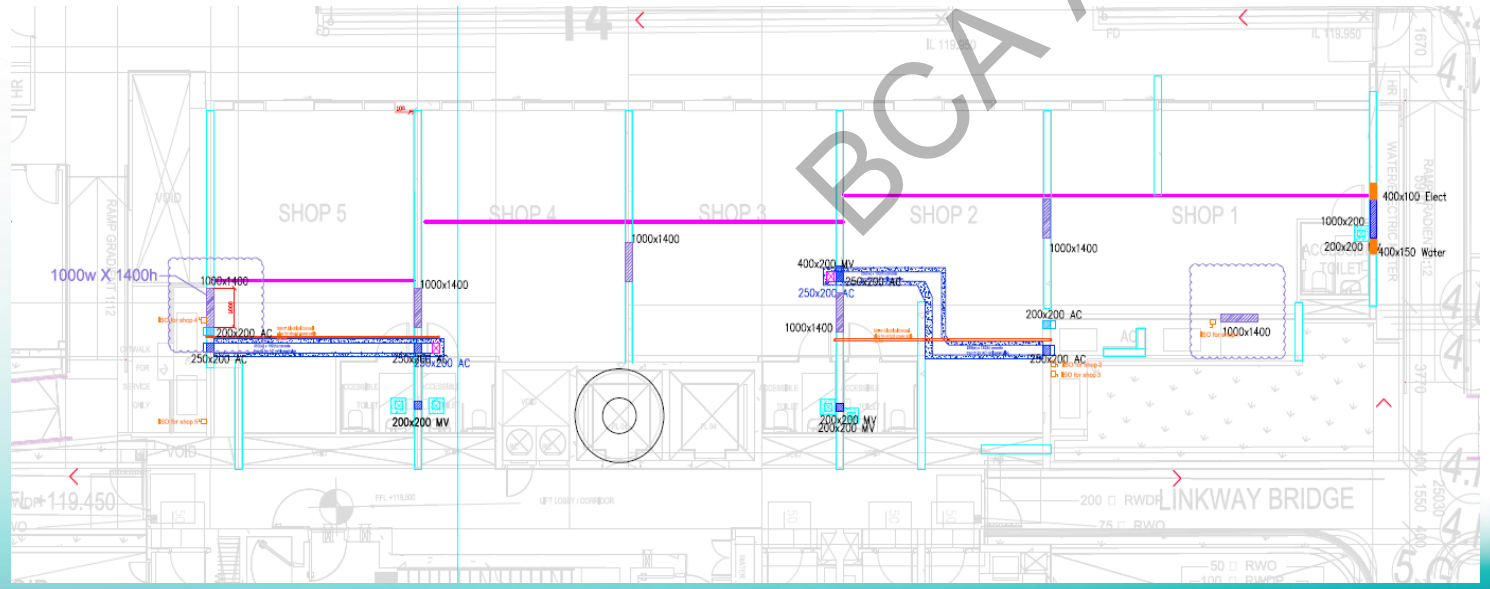




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22. Wiring encroaching into other premises/ electrical installation

Effective means, suitably placed for every operation, shall be provided so that all voltage may be cut off from every installation, from every circuit and from all equipment to prevent or remove danger



P11/RV/SPS/TKT/8067

4 May 2005

The Manager
Installation Branch
SP Services Ltd
111 Somerset Road #06-01
Singapore 238164

Dear Sir,

SUB-MAINS PASSING THROUGH TENANTED UNIT AT
81 CLEMENCEAU AVENUE #02-14, UE SQUARE, SINGAPORE 239917

We are the Landlord of the premises at 81 Clemenceau Avenue #02-14, UE Square, Singapore 239917, and we hereby confirm and undertake the following:-

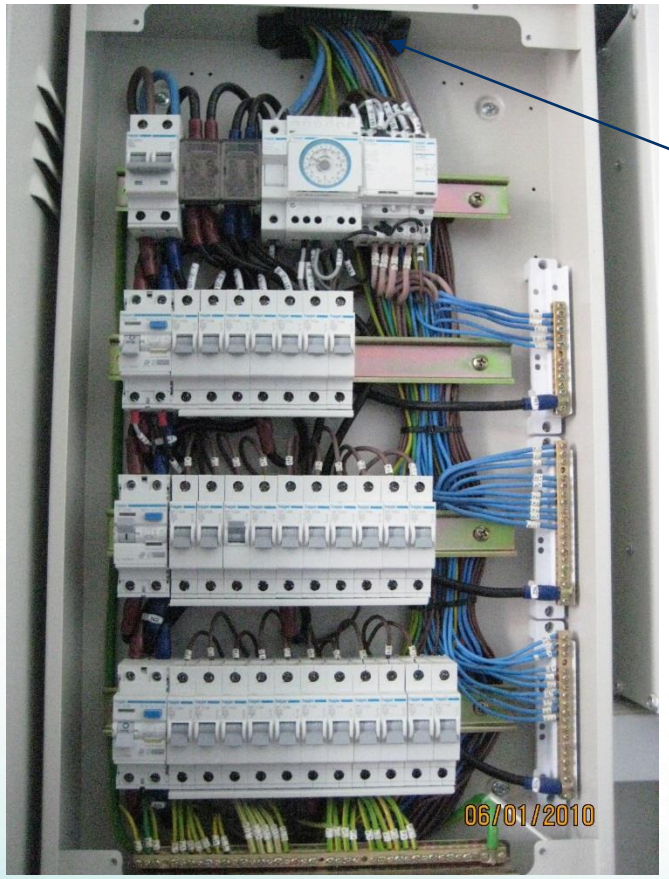
1. We confirm that the other tenants' sub-main cables need to pass through the abovementioned unit instead of being installed at the common area.
2. We shall ensure that such sub-main passing through the abovementioned unit is properly enclosed and labelled to prevent access by unauthorized person.
3. We shall be responsible for the operation and maintenance of such sub-main and to ensure that it is safe and shall not pose any hazard to the tenants or any member of the public.
4. We shall indemnify M/s SP Services Ltd for any claim whatsoever arising out of any matter related to such sub-main.

Yours faithfully,
UNITED ENGINEERS LIMITED

TAN KIM THOR
PROPERTY EXECUTIVE

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23. No provision of PVC or rubber grommet/bushing at metallic sharp edges to prevent damage of cable insulation

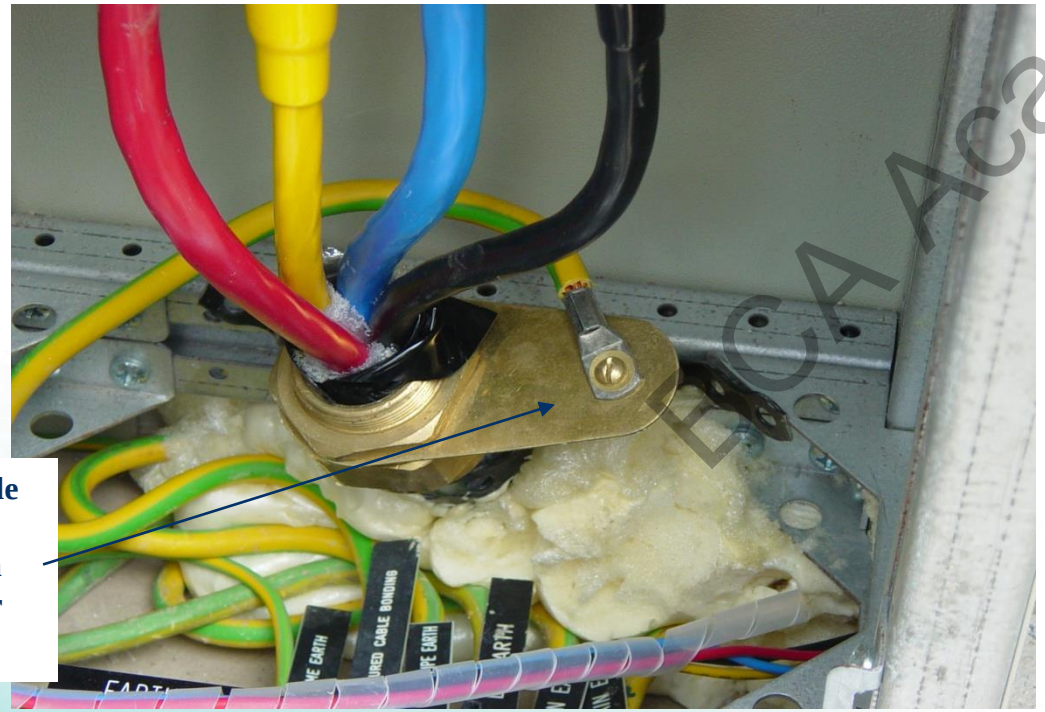


A wiring system shall be selected and erected so as to minimize during installation, use and maintenance, damage to the sheath and installation of cables and insulated conductors

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24. Improper earthing

- E.g. Cable armour improperly bonded or not bonded to earth
- E.g. Earth chamber not secured



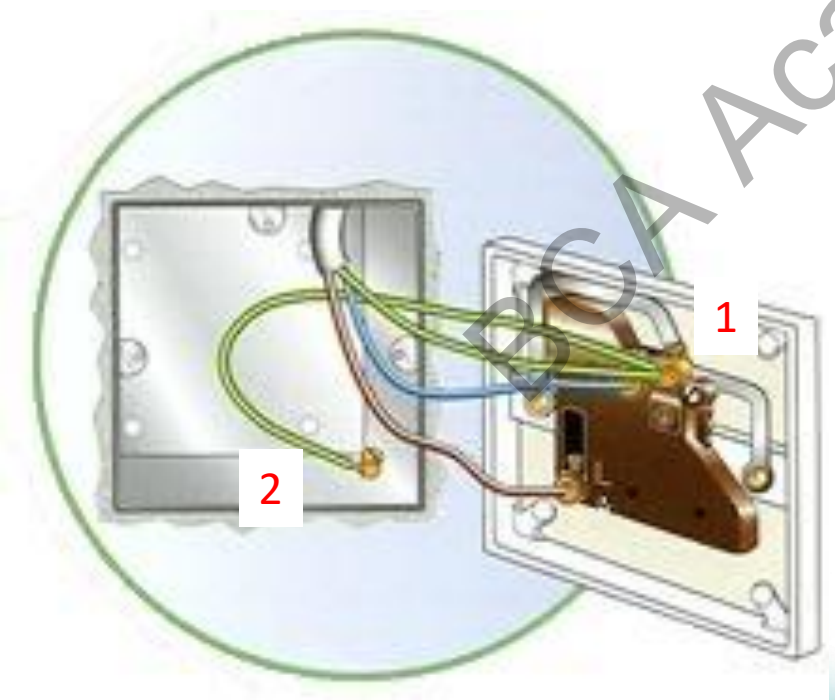
Amour of the cable is earthed with cable clamp. Both ends of the amour must be earthed

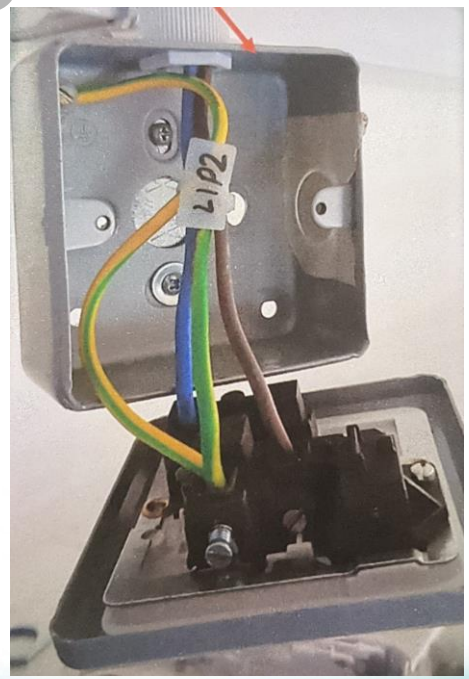


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24. Improper installation of CPC

- CPC from DB's earth terminal shall terminate directly at the earth terminal of the fixed accessory
- An additional short length of CPC is then connected to the metallic KO box/GI conduit

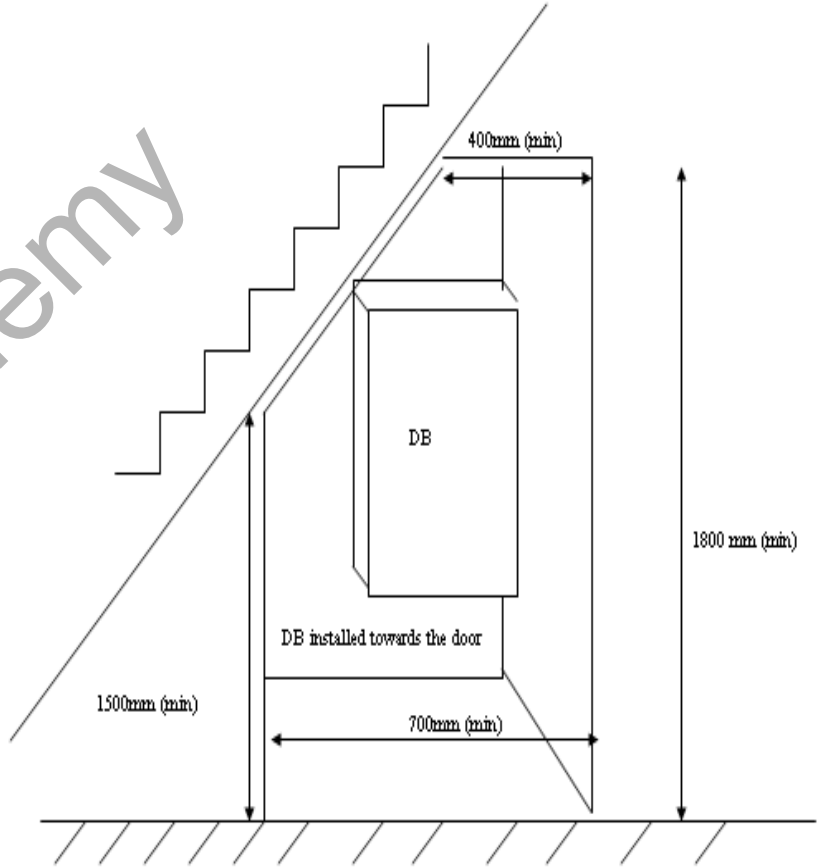




BOA Academy

25. DB located under the staircase

- There must have adequate clear space around every outer edge of the front, sides and back of the DB to enable the safe operation, inspection, testing and maintenance.
- Also, a passage leading to the DB must be kept free from any obstruction



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26. Improper Installations

- Accessories shall not be installed at zone 0 and zone 1 of the swimming pool area except supplied via SELV at a nominal voltage not exceeding 12V ac or 30V dc in zone 0 and 25V ac or 60V dc in zone 1.
- The source for SELV shall be installed outside zone 0, 1 and 2
- Water features such as fishpond shall comply to guidelines relating to fountain



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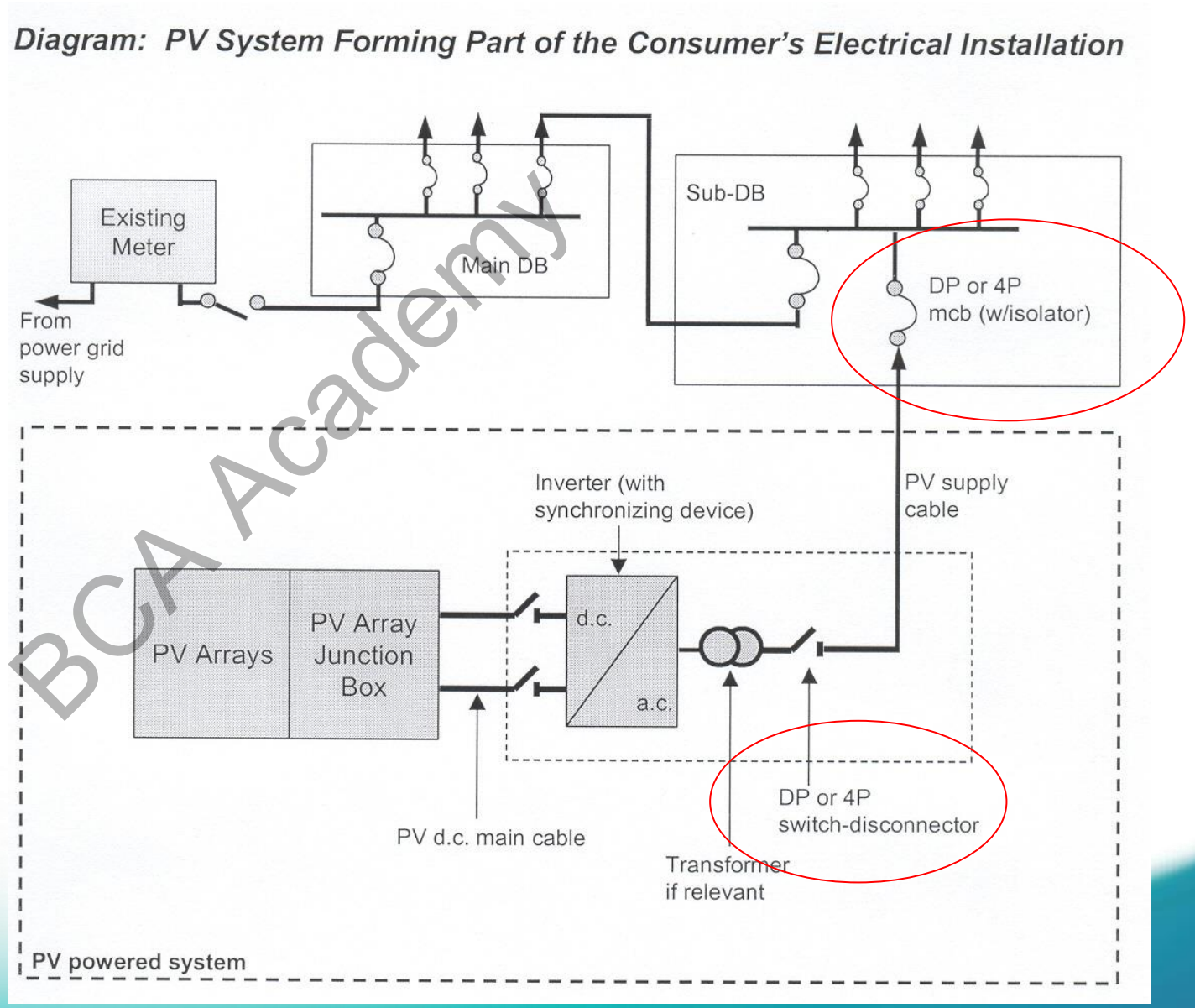
27. SLD not updated

- Equipment and location shall be indicated in SLD (e.g. gas/ induction hob)
- Labelling to be done properly and standardized for the installation
  - E.g. indicating source DB before/after final circuit labelling is acceptable (DB1/L1S1 OR L1S1/DB1)
  - There should be no duplication in naming of the final circuits for whole installation

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28. PV system connection

PV MCB and isolator shall be DP or 4P



29. Location of DP switches

- Switches for kitchen appliances and heater shall be externally visible and not hidden inside cabinets
- DP switches shall be installed near equipment, within **same room** and **line of sight** (e.g. 1 of the 2 2-way switches for W/H shall be located near W/H)

X



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30. Kitchen cabinets not ready during inspection

LEW and/or developer/owner shall furnish letter to indicate that the installation is complete without kitchen cabinets and there shall be no further modification to the electrical installation after the kitchen cabinet has been installed

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Bare Kitchen with no Furniture/ Carpentry	Furniture/ Carpentry partially installed	Apartments where developer will not be installing kitchen carpentry
• Installation not ready	• Undertaking letter from LEW and owner to confirm that accessories will not be shifted/ rewired/ extended/ removed	• Undertaking letter from LEW and owner to confirm setup

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Thank You

Question & Answer

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SPS Policy :
ZERO Fraud & Corruption Tolerance

- SPS does not condone corruption and bribery.
- It is an OFFENCE to offer any gratification to SPS staff
- DO NOT make payment directly to SPS site staff. All payments to be made at SPS Customer Service Centre.

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Table of Re-inspection Fees
(First time Inspection is free of charge)

Description	Bulk Meter Board Replacement Inspection Per Block	New HDB Pre-Turn On Inspection Per Block	Private Residential Unit Inspection Per Block	Small Installation Inspection With Approved Load Less Than 45KVA	Residential Unit With Approved Load More Than 45KVA
Cancellation of appointment 2 working days or less from the scheduled appointment date	$100	$100	$100	$50	$100
Cancellation Inspection On Site/LEW absent	$150	$150	$150	$50	$150
Sample Unit Inspection	Not Applicable	$50 per unit	$50 per unit	$50	$150
Brief/Pre-Turn On Inspection	$20 per unit	$20 per unit	$25 per unit	NA	NA

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