

1) Ref 604

A final subcircuit supplies a load consisting of 25A outlet and protected by 25A HRC fuse. Determine the maximum fault loop impedance of final subcircuit & based on 230V.

2) Ref 603

Final subcircuit supplies a load consisting of a range in domestic installation & is protected by 32A CB . Determine maximum internal fault loop impedance of final subcircuit based on 230V

3) Ref 602

Write the formula to calculate the voltage drop in electrical cable

4) Ref 601

Describe the overview of AS 3000 Electrical wiring rule.

5) Ref 600

What are the requirements to install the switch board?

6) Ref 599

Explain the installation of switch board

7) Ref 598

Explain the operation principle of RCD with sketch

8) Ref 597

Explain the requirements of switch board in domestic electrical installation

9) Ref 596

Sketch the connection of a typical switch board

10) Ref 595

Describe the followings

(a) Basic protection principle (b) Overload and short circuit protection

11) Ref 594

Explain the explosion protection techniques.

12) Ref 593

Sketch TPS wiring system

13) Ref 592

Explain underground wiring system with sketch

14) Ref 591

Explain the following equipments

(a) Water heater (b) Cooking appliances (c) Motor

15) Ref 590

Sketch earthing system and earthing arrangement

16) Ref 589

Explain electrical installation safety testing procedures

17) Ref 588

Sketch the polarity testing circuits

18) Ref 587

What are the types of RCD?

19) Ref 586

Outline the overload protection devices

20) Ref 585

Explain earthing protection