



LET ASSESSMENT REVIEW

SURNAME: _____

NAME: _____

ASSESSMENT
DATE: _____

Relates to AS/NZS Wiring Rule 3000 (4 marks)

- All parts correctly answered
- Correct answer with Wiring Rule Clause Number incorrect or not provided
- Correct answer with part of Wiring Rule Clause Number incorrect or not provided
- Incorrect answer with correct Wiring Rule Clause Number
- Incorrect answer and incorrect Wiring Rule Clause Number
- Question not attempted
- MARKS AWARDED**

Relates to AS/NZS Wiring Rule 3000 (4 marks)

- All parts correctly answered
- Correct answer with Wiring Rule Clause Number incorrect or not provided
- Correct answer with part of Wiring Rule Clause Number incorrect or not provided
- Incorrect answer with correct Wiring Rule Clause Number
- Incorrect answer and incorrect Wiring Rule Clause Number
- Question not attempted
- MARKS AWARDED**

Relates to AS/NZS Wiring Rule 3000 (4 marks)

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- MARKS AWARDED**

Relates to AS/NZS Wiring Rule 3000 (4 marks)

- All parts correctly answered
- Correct answer with Wiring Rule Clause Number incorrect or not provided
- Correct answer with part of Wiring Rule Clause Number incorrect or not provided
- Incorrect answer with correct Wiring Rule Clause Number
- Incorrect answer and incorrect Wiring Rule Clause Number
- Question not attempted
- MARKS AWARDED**

Relates to AS/NZS 3012 Construction and Demolition Sites (4 marks)

- All parts correctly answered
- Correct answer with Construction & Demolition Sites Clause Number incorrect/not provided
- Correct answer with Construction & Demolition Sites Clause Number incomplete
- Incorrect answer with correct Construction & Demolition Sites Clause Number
- Incorrect answer with incorrect Construction & Demolition Sites Clause Number
- Question not attempted
- MARKS AWARDED**

Relates to AS/NZS 3012 Construction and Demolition Sites (4 marks)

- All parts correctly answered
- Correct answer with Construction & Demolition Sites Clause Number incorrect/not provided
- Correct answer with Construction & Demolition Sites Clause Number incomplete
- Incorrect answer with correct Construction & Demolition Sites Clause Number
- Incorrect answer with incorrect Construction & Demolition Sites Clause Number
- Question not attempted
- MARKS AWARDED**

Relates to Electricity Safety (Installations) Regulations 2009 (4 marks)

- All parts correctly answered
- Correct answer with Electricity Safety Regulation Number incorrect or not provided
- Correct answer with part of Electricity Safety Regulation Number incorrect or not provided
- Incorrect answer with correct Electricity Safety Regulation Number
- Incorrect answer with incorrect Electricity Safety Regulation Number
- Question not attempted
- MARKS AWARDED**

Electric Shock Survival (4 marks)

- Correct answer
- Incorrect answer
- Part of the answer is correct
- Question not attempted
- MARKS AWARDED**

Cable Selection (8 marks)

- All parts correctly answered
- Calculations incorrect or not provided
- Units incorrect or not provided
- Part (i)
- Current carrying capacity for each cable correct
- Current carrying capacity for each cable incorrect or not provided
- Current carrying capacity for the number conductors connected in parallel correct
- Current carrying capacity for the num. of conductors connected in parallel incorrect/not provided
- Derating value correct
- Derating value incorrect or not provided
- Derated current carrying capacity of the circuit correct
- Derated current carrying capacity of the circuit incorrect or not provided
- Part (ii)
- Rating value correct
- Rating value incorrect or not provided
- Re-rated current carrying capacity of the circuit correct
- Re-rated current carrying capacity of the circuit incorrect or not provided
- Cable size correct
- Cable size incorrect or not provided

Question not attempted
 MARKS AWARDED

DC Circuit (6 marks)

All parts correctly answered
 Current value correct
 Current value incorrect or not provided
 Unit for current is incorrect or not provided
 Voltage Drop value correct
 Voltage Drop value incorrect or not provided
 Unit for voltage is incorrect or not provided
 Power value correct
 Power value incorrect or not provided
 Unit for power is incorrect or not provided
 Resistance value correct
 Resistance value incorrect or not provided
 Question not attempted
 MARKS AWARDED

Maximum Demand (8 marks)

All parts correctly answered

Load Group:

Ai
 Aii
 Bi
 Bii
 Biii
 C
 D
 E
 F
 G

H
 I
 J
 Ji
 Jii
 K
 L
 M

Total Maximum Demand incorrect or not provided
 Table number and/or units incorrect or not provided
 Question not attempted
 MARKS AWARDED

Voltage Drop (10 marks)

<input type="checkbox"/>	All parts correctly answered
<input type="checkbox"/>	Consumers Mains voltage drop correct
<input type="checkbox"/>	Consumers Mains voltage drop incorrect or not provided
<input type="checkbox"/>	Consumers Mains used the incorrect cable temperature.
<input type="checkbox"/>	Sub-mains voltage drop correct
<input type="checkbox"/>	Sub-mains voltage drop incorrect or not provided
<input type="checkbox"/>	Sub-mains used the incorrect cable temperature.
<input type="checkbox"/>	Final sub-circuits voltage correct
<input type="checkbox"/>	Final sub-circuits voltage incorrect or not provided
<input type="checkbox"/>	Final sub-circuits used the incorrect cable temperature.
<input type="checkbox"/>	Total voltage drop correct
<input type="checkbox"/>	Total voltage drop incorrect or not provided
<input type="checkbox"/>	Table number incorrect or not provided
<input type="checkbox"/>	Units incorrect or not provided
<input type="checkbox"/>	Question not attempted
<input type="checkbox"/>	MARKS AWARDED

Reading values off an Overload & Short Circuit Graph (3 marks)

<input type="checkbox"/>	All parts correctly answered
<input type="checkbox"/>	Ratio value correct
<input type="checkbox"/>	Ratio value incorrect or not provided
<input type="checkbox"/>	Ratio value has no unit.
<input type="checkbox"/>	Minimum Time correct
<input type="checkbox"/>	Minimum Time incorrect or not provided
<input type="checkbox"/>	Maximum Time correct
<input type="checkbox"/>	Maximum Time incorrect or not provided
<input type="checkbox"/>	Time units incorrect or not provided
<input type="checkbox"/>	Question not attempted
<input type="checkbox"/>	MARKS AWARDED

Prospective fault current calculation(9 marks)

<input type="checkbox"/>	All parts correctly answered
<input type="checkbox"/>	Transformer Impedance correct
<input type="checkbox"/>	Transformer Impedance incorrect or not provided
<input type="checkbox"/>	Transformer Impedance answer not given to 5 decimal places
<input type="checkbox"/>	Main Switchboard fault current correct
<input type="checkbox"/>	Main switchboard fault current incorrect or not provided
<input type="checkbox"/>	Distribution board fault current correct
<input type="checkbox"/>	Distribution board fault current incorrect or not provided

- Units Incorrect or not provided
- Question not attempted
- MARKS AWARDED**

Residual Current Devices (3 marks)

- RCD size correct
- RCD size incorrect or not provided
- RCD size correct but incorrect units or not provided
- Units incorrect or not provided
- Your description of how the R.C.D operates is correct/incorrect/incomplete
- The method of determining the current rating of RCD - correct/incorrect
- Your answer only partially covers what happens in this circuit.
- Question not attempted
- MARKS AWARDED**

Motors and Starters (2 marks)

- Correct answer
- Incorrect answer
- Question not attempted
- MARKS AWARDED**

Safe working on or near low-voltage electrical installations and equipment (4 marks)

- All parts correctly answered
- Correct answer with incorrect or missing Safe Working Clause Number
- Correct answer with incomplete Safe Working Clause Number
- Incorrect answer with correct Safe Working Clause Number
- Incorrect answer with incorrect Safe Working Clause Number
- Question not attempted
- MARKS AWARDED**

Visual Defects (5 x 3 marks = 15 marks)

Defect 1 (2 marks for defect and 1 mark for Wiring Rules Clause Number)

- Correct defect and Wiring Rules Clause No.
- Correct defect with Wiring Rules Clause/Table Number incorrect or not provided
- Correct defect with Wiring Rules Clause/Table Number incomplete
- Incorrect defect with correct Wiring Rules Clause/Table Number
- Incorrect defect with incorrect or missing Wiring Rules Clause/Table Number
- Question not attempted
- Marks awarded**

Defect 2 (2 marks for defect and 1 mark for Wiring Rules Clause Number)

- Correct defect and Wiring Rules Clause No.
- Correct defect with Wiring Rules Clause/Table Number incorrect or not provided
- Correct defect with Wiring Rules Clause/Table Number incomplete

- Incorrect defect with correct Wiring Rules Clause/Table Number
- Incorrect defect with incorrect or missing Wiring Rules Clause/Table Number
- Question not attempted
- Marks awarded**

Defect 3 (2 marks for defect and 1 mark for Wiring Rules Clause Number)

- Correct defect and Wiring Rules Clause No.
- Correct defect with Wiring Rules Clause/Table Number incorrect or not provided
- Correct defect with Wiring Rules Clause/Table Number incomplete
- Incorrect defect with correct Wiring Rules Clause/Table Number
- Incorrect defect with incorrect or missing Wiring Rules Clause/Table Number
- Question not attempted
- Marks awarded**

Defect 4 (2 marks for defect and 1 mark for Wiring Rules Clause Number)

- Correct defect and Wiring Rules Clause No.
- Correct defect with Wiring Rules Clause/Table Number incorrect or not provided
- Correct defect with Wiring Rules Clause/Table Number incomplete
- Incorrect defect with correct Wiring Rules Clause/Table Number
- Incorrect defect with incorrect or missing Wiring Rules Clause/Table Number
- Question not attempted
- Marks awarded**

Defect 5 (2 marks for defect and 1 mark for Wiring Rules Clause Number)

- Correct defect and Wiring Rules Clause No.
- Correct defect with Wiring Rules Clause/Table Number incorrect or not provided
- Correct defect with Wiring Rules Clause/Table Number incomplete
- Incorrect defect with correct Wiring Rules Clause/Table Number
- Incorrect defect with incorrect or missing Wiring Rules Clause/Table Number
- Question not attempted
- Marks awarded**

**TOTAL MARKS
AWARDED:**

