**Date:**

**SCHEDULE OF TEST RESULTS**

**Testing shall be carried out in accordance with AS/NZS 3000:2018 clause 8.3.**

Address / location:

Registered Electrical Workers name: Signature:

Licence no.

Switchboard / distribution board No: PSCb at Main Switch: kA

All live parts screened from touch without use of tool: Yes / No

Incoming current (if supply avail.): RØ A, WØ A, BØ A.

**Test Equipment:**

**Type: Type:**

**Serial No. Serial No.**

**Calibration date: Calibration date:**

**Type: Type:**

**Serial No. Serial No.**

**Calibration date: Calibration date**

# MAIN SWITCHBOARD, CONSUMERS MAINS & MAIN EARTH

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **M.E.N. Connection & Main Switchboard earthing compliant :- Y / N** | **Main Switch / Load Limiter** | | | **Conductor** | | **Earth Continuity - ohms** | | **Insulation Resistance - Megohms** | | | | **Polarity**  /  | **Correct circuit connections** | **Comments:** |
| Typea | Current rating *A* | PSCb  rating *kA* | C.C.Cc  *A* | Size  *mm²* | Main earth conductor | EQ bonding conductorsd | A - Ed | A - Nd | N - E | Phase -  Phased |
|  |  |  |  |  |  | **Ω** | **Ω** |  |  |  |  |  |  |

**SUBMAINS**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Circuit ID & no. of Phases** | **Over Current Protective Device** | | | **Conductor** | | **Earth Continuity - ohms** | | **Insulation Resistance - Megohms** | | | | **Polarity**  /  | **Correct circuit connections** | **Earth fault loop impedance** | **RCD test results** | | | |
| Typea | Current rating *A* | PSCb  rating *kA* | C.C.Cc  *A* | Size  *mm²* | Submain earths | EQ bonding conductorsd | A - Ed | A - Nd | N - E | Phase -  Phased | Push button test | Current trip test - ms | Supply not avail. | No RCD |
|  |  |  |  |  |  | **Ω** | **Ω** |  |  |  |  |  |  | **Ω** |  |  |  |  |
|  |  |  |  |  |  | **Ω** | **Ω** |  |  |  |  |  |  | **Ω** |  |  |  |  |
|  |  |  |  |  |  | **Ω** | **Ω** |  |  |  |  |  |  | **Ω** |  |  |  |  |

**FINAL SUB CIRCUITS**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Circuit ID & no. of Phases** | **Over Current Protective Device** | | | **Conductor** | | **Earth Continuity - ohms** | | **Insulation Resistance - Megohms** | | | | **Polarity**  /  | **Correct circuit connections** | **Earth fault loop impedance** | **RCD test results** | | | |
| Typea | Current rating *A* | PSCb  rating *kA* | C.C.Cc  *A* | Size  *mm²* | Protective earths | EQ bonding conductorsd | A - Ed | A - Nd | N - E | Phase -  Phased | Push button test | Current trip test - ms | Supply not avail. | No RCD |
|  |  |  |  |  |  | **Ω** | **Ω** |  |  |  |  |  |  | **Ω** |  |  |  |  |
|  |  |  |  |  |  | **Ω** | **Ω** |  |  |  |  |  |  | **Ω** |  |  |  |  |
|  |  |  |  |  |  | **Ω** | **Ω** |  |  |  |  |  |  | **Ω** |  |  |  |  |
|  |  |  |  |  |  | **Ω** | **Ω** |  |  |  |  |  |  | **Ω** |  |  |  |  |
|  |  |  |  |  |  | **Ω** | **Ω** |  |  |  |  |  |  | **Ω** |  |  |  |  |
|  |  |  |  |  |  | **Ω** | **Ω** |  |  |  |  |  |  | **Ω** |  |  |  |  |
|  |  |  |  |  |  | **Ω** | **Ω** |  |  |  |  |  |  | **Ω** |  |  |  |  |
|  |  |  |  |  |  | **Ω** | **Ω** |  |  |  |  |  |  | **Ω** |  |  |  |  |
|  |  |  |  |  |  | **Ω** | **Ω** |  |  |  |  |  |  | **Ω** |  |  |  |  |
|  |  |  |  |  |  | **Ω** | **Ω** |  |  |  |  |  |  | **Ω** |  |  |  |  |

NOTES:

a Protective device types : Rewirable fuse =**rf**, HRC fuse = **hrc**, Circuit breaker = **c/b B,C** or **D**, MCB/RCD combo = **rcd**, Isolator = **isol**.

b PSC = Prospective Short-circuit current in kA.*Ref: AS/NZS 3000:2007 clause 2.5.*

c C.C.C = Current Carrying Capacity of the conductor after derating in A*R*. *ef: AS/NZS 3000:2007 clause 3.4.*

d **Where multiple results are obtained due to multiphase, multiple EQ bonds etc. record the lowest insulation resistance & highest earth resistance readings obtained.**