

TIC of LV electrical installation

Part - 4: Testing

Section - 1: Basics information

| | |
|-----------------------------|------------|
| Location Number : | 23 |
| Location Name : | 42342 |
| Test Engineer Name: | 3424 |
| Date: | 2021-09-06 |
| Designation: | 2342 |
| Company Name: | 42342 |
| Details Of Test Instrument: | 42342 |
| Continuity: | 342432 |
| Insulation Resistance: | 42 |
| Impedance: | 432342 |
| RCD: | 4324324 |
| Earth Electrode Resistance: | 23443 |

Section - 2: Detailed Testing:

| | |
|------------------------------------|----------|
| Distribution Board Details: | dfdff |
| Reference (name): | ss |
| Location: | dsfdfsds |
| Correct Supply Polarity: | Yes |
| Number Of Output Circuits - Spare: | sfd |
| Correct Supply Polarity: | sfds |
| Number Of Output Circuits In Use: | 2 |
| Ratings In Amps: | 4545 |
| Ratings In Amps: | 67676 |

| Nature of supply parameters | L1-L2 | L2-L3 | L1-L3 | L1-N | L1-N | L3-N | L1-PE | L2-PE | L3-PE |
|-----------------------------|-------|-------|-------|------|---------|------|-------|-------|-------|
| Incoming Voltage | 434 | 3234 | NA | NA | NA | 324 | NA | 323 | 2432 |
| Incoming Zs () | NA | NA | NA | 4234 | NA | 3423 | 234 | 42 | 34243 |
| Incoming Ipf (Amps) | NA | NA | 4323 | NA | 2432324 | 324 | 2342 | 23 | 234 |

| Circuite details | | | | | | | | | | | |
|------------------------------------------------------------------------------------------------|-------------------------------|----------|-------------|-------|--------|--------|-------|--------|--------|-------|--------|
| Circuit no | 32 | | Description | | | NA | | | | | |
| OCPD | Standart No | | 2 | | | | | | | | |
| | Type | | NA | | | | | | | | |
| | Rating | | NA | | | | | | | | |
| | Breaking capacity | | NA | | | | | | | | |
| | Shot circuit setting | | NA | | | | | | | | |
| | E and F setting | | NA | | | | | | | | |
| Condu ctor details | Installation reference method | | NA | | | | | | | | |
| | Cross section al area | Phase | 2432 | | | | | | | | |
| | | Neutral | 2432 | | | | | | | | |
| | | PE | 2432 | | | | | | | | |
| Continuity () Applicable to live conductor in final circuits and protective conductors only | | Length | 43 | | | | | | | | |
| | | (R1+R 2) | 234 | | | | | | | | |
| | | R2 | 234 | | | | | | | | |
| Polarity | | | NA | | | | | | | | |
| Parameters | | | L1-L2 | L2-L3 | L1-L3 | L1-N | L2-N | L3-N | L1-PE | L2-PE | L3-PE |
| Insulation resistance (M) | | | 234.00 | 24.00 | 243.00 | 342.00 | 43.00 | 342.00 | 234.00 | 34.00 | 243.00 |
| Voltage | | | 234.00 | 24.00 | 243.00 | 342.00 | 43.00 | 342.00 | 234.00 | 34.00 | 243.00 |
| Fault loop impedance | | | 243.000 | NA | NA | NA | NA | NA | NA | NA | NA |
| Disconnection Time | | | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Actual Short circuit / fault current (Amps) | | | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| RCD | Sensitivity | | NA | | | | | | | | |
| | Operating time In | | NA | | | | | | | | |
| | Operating time 5* In | | NA | | | | | | | | |
| | Test button operation | | NA | | | | | | | | |
| Remarks | | NA | | | | | | | | | |

| Circuite details | | | | | | | | | | | |
|------------------------------------------------------------------------------------------------|-------------------------------|---------|-------------|---------|-------|--------|--------|-------|-------|--------|--------|
| Circuit no | 432342 | | Description | | | NA | | | | | |
| OCPD | Standart No | | 43 | | | | | | | | |
| | Type | | NA | | | | | | | | |
| | Rating | | NA | | | | | | | | |
| | Breaking capacity | | NA | | | | | | | | |
| | Shot circuit setting | | NA | | | | | | | | |
| | E and F setting | | 342 | | | | | | | | |
| Conductor details | Installation reference method | | NA | | | | | | | | |
| | Cross section al area | Phase | 432 | | | | | | | | |
| | | Neutral | 432 | | | | | | | | |
| | | PE | 43 | | | | | | | | |
| Continuity () Applicable to live conductor in final circuits and protective conductors only | | Length | 243 | | | | | | | | |
| | | (R1+R2) | 234 | | | | | | | | |
| | | R2 | 234 | | | | | | | | |
| Polarity | | | NA | | | | | | | | |
| Parameters | | | L1-L2 | L2-L3 | L1-L3 | L1-N | L2-N | L3-N | L1-PE | L2-PE | L3-PE |
| Insulation resistance (M) | | | 243.00 | 3243.00 | 2.00 | 432.00 | 243.00 | 34.00 | 23.00 | 234.00 | 243.00 |
| Voltage | | | 243.00 | 3243.00 | 2.00 | 432.00 | 243.00 | 34.00 | 23.00 | 234.00 | 243.00 |
| Fault loop impedance | | | 23.000 | NA | NA | NA | NA | NA | NA | NA | NA |
| Disconnection Time | | | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Actual Short circuit / fault current (Amps) | | | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| RCD | Sensitivity | | NA | | | | | | | | |
| | Operating time In | | NA | | | | | | | | |
| | Operating time 5* In | | NA | | | | | | | | |
| | Test button operation | | NA | | | | | | | | |
| Remarks | | NA | | | | | | | | | |

Section - 1: Basics information

| | |
|-----------------------------|------------|
| Location Number : | 2323 |
| Location Name : | 545 |
| Test Engineer Name: | 5454 |
| Date: | 2021-09-06 |
| Designation: | 454 |
| Company Name: | 545 |
| Details Of Test Instrument: | 4545 |
| Continuity: | 4545 |
| Insulation Resistance: | rtrt |
| Impedance: | rtrt |
| RCD: | etretre |
| Earth Electrode Resistance: | tretert |

Section - 2: Detailed Testing:

| | |
|------------------------------------|----------|
| Distribution Board Details: | erte |
| Reference (name): | rtertetr |
| Location: | erterte |
| Correct Supply Polarity: | Yes |
| Number Of Output Circuits - Spare: | erete |
| Correct Supply Polarity: | tretetr |
| Number Of Output Circuits In Use: | 3 |
| Ratings In Amps: | 5454545 |
| Ratings In Amps: | 4545 |
| Ratings In Amps: | 4545 |

| Nature of supply parameters | L1-L2 | L2-L3 | L1-L3 | L1-N | L1-N | L3-N | L1-PE | L2-PE | L3-PE |
|-----------------------------|-------|-------|-------|------|------|------|-------|-------|-------|
| Incoming Voltage | 4545 | NA | NA | NA | 54 | NA | 45 | 45 | 45 |
| Incoming Zs () | NA | NA | 54 | NA | NA | 45 | NA | NA | 45 |
| Incoming Ipf (Amps) | NA | 454 | NA | 54 | 545 | NA | 45 | 45 | 45 |

| Circuite details | | | | | | | | | | | |
|------------------------------------------------------------------------------------------------|-------------------------------|----------|-------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Circuit no | 454 | | Description | | | NA | | | | | |
| OCPD | Standart No | | 5 | | | | | | | | |
| | Type | | NA | | | | | | | | |
| | Rating | | NA | | | | | | | | |
| | Breaking capacity | | NA | | | | | | | | |
| | Shot circuit setting | | NA | | | | | | | | |
| | E and F setting | | NA | | | | | | | | |
| Condu ctor details | Installation reference method | | NA | | | | | | | | |
| | Cross section al area | Phase | NA | | | | | | | | |
| | | Neutral | NA | | | | | | | | |
| | | PE | NA | | | | | | | | |
| Continuity () Applicable to live conductor in final circuits and protective conductors only | | Length | NA | | | | | | | | |
| | | (R1+R 2) | NA | | | | | | | | |
| | | R2 | NA | | | | | | | | |
| Polarity | | | NA | | | | | | | | |
| Parameters | | | L1-L2 | L2-L3 | L1-L3 | L1-N | L2-N | L3-N | L1-PE | L2-PE | L3-PE |
| Insulation resistance (M) | | | 545.00 | 45.00 | 45.00 | 54.00 | 45.00 | 54.00 | 4.00 | 54.00 | 5.00 |
| Voltage | | | 545.00 | 45.00 | 45.00 | 54.00 | 45.00 | 54.00 | 4.00 | 54.00 | 5.00 |
| Fault loop impedance | | | 45.000 | NA | NA | NA | NA | NA | NA | NA | NA |
| Disconnection Time | | | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Actual Short circuit / fault current (Amps) | | | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| RCD | Sensitivity | | NA | | | | | | | | |
| | Operating time In | | NA | | | | | | | | |
| | Operating time 5* In | | NA | | | | | | | | |
| | Test button operation | | NA | | | | | | | | |
| Remarks | | NA | | | | | | | | | |

| Circuite details | | | | | | | | | | | |
|------------------------------------------------------------------------------------------------|-------------------------------|----------|-------------|-------|-------|--------|-------|------|-------|-------|-------|
| Circuit no | 54 | | Description | | | NA | | | | | |
| OCPD | Standart No | | 54 | | | | | | | | |
| | Type | | NA | | | | | | | | |
| | Rating | | NA | | | | | | | | |
| | Breaking capacity | | NA | | | | | | | | |
| | Shot circuit setting | | NA | | | | | | | | |
| | E and F setting | | NA | | | | | | | | |
| Condu ctor details | Installation reference method | | NA | | | | | | | | |
| | Cross section al area | Phase | NA | | | | | | | | |
| | | Neutral | NA | | | | | | | | |
| | | PE | NA | | | | | | | | |
| Continuity () Applicable to live conductor in final circuits and protective conductors only | | Length | NA | | | | | | | | |
| | | (R1+R 2) | NA | | | | | | | | |
| | | R2 | NA | | | | | | | | |
| Polarity | | | NA | | | | | | | | |
| Parameters | | | L1-L2 | L2-L3 | L1-L3 | L1-N | L2-N | L3-N | L1-PE | L2-PE | L3-PE |
| Insulation resistance (M) | | | 54.00 | 54.00 | 45.00 | 545.00 | 45.00 | 4.00 | 5.00 | 54.00 | 45.00 |
| Voltage | | | 54.00 | 54.00 | 45.00 | 545.00 | 45.00 | 4.00 | 5.00 | 54.00 | 45.00 |
| Fault loop impedance | | | 4.000 | NA | NA | NA | NA | NA | NA | NA | NA |
| Disconnection Time | | | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Actual Short circuit / fault current (Amps) | | | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| RCD | Sensitivity | | NA | | | | | | | | |
| | Operating time In | | NA | | | | | | | | |
| | Operating time 5* In | | NA | | | | | | | | |
| | Test button operation | | NA | | | | | | | | |
| Remarks | | NA | | | | | | | | | |

| Circuite details | | | | | | | | | | | |
|------------------------------------------------------------------------------------------------|-------------------------------|---------|-------------|-------|-------|-------|-------|-------|-------|-------|---------|
| Circuit no | 54 | | Description | | | NA | | | | | |
| OCPD | Standart No | | 54 | | | | | | | | |
| | Type | | NA | | | | | | | | |
| | Rating | | NA | | | | | | | | |
| | Breaking capacity | | NA | | | | | | | | |
| | Shot circuit setting | | NA | | | | | | | | |
| | E and F setting | | NA | | | | | | | | |
| Conductor details | Installation reference method | | NA | | | | | | | | |
| | Cross section al area | Phase | NA | | | | | | | | |
| | | Neutral | NA | | | | | | | | |
| | | PE | NA | | | | | | | | |
| Continuity () Applicable to live conductor in final circuits and protective conductors only | | Length | NA | | | | | | | | |
| | | (R1+R2) | NA | | | | | | | | |
| | | R2 | NA | | | | | | | | |
| Polarity | | | NA | | | | | | | | |
| Parameters | | | L1-L2 | L2-L3 | L1-L3 | L1-N | L2-N | L3-N | L1-PE | L2-PE | L3-PE |
| Insulation resistance (M) | | | 54.00 | 54.00 | 45.00 | 45.00 | 45.00 | 45.00 | 45.00 | 4.00 | 4545.00 |
| Voltage | | | 54.00 | 54.00 | 45.00 | 45.00 | 45.00 | 45.00 | 45.00 | 4.00 | 4545.00 |
| Fault loop impedance | | | 54.000 | NA | NA | NA | NA | NA | NA | NA | NA |
| Disconnection Time | | | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Actual Short circuit / fault current (Amps) | | | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| RCD | Sensitivity | | NA | | | | | | | | |
| | Operating time In | | NA | | | | | | | | |
| | Operating time 5* In | | NA | | | | | | | | |
| | Test button operation | | NA | | | | | | | | |
| Remarks | | NA | | | | | | | | | |