* **PRIMARY INJECTION TEST : CT1-1 : ( CABLE DIFF. PROTECTION )**

|  |  |  |
| --- | --- | --- |
| PHASE | PRIMARY CURRENT(A) | SECONDARY CURRENT IN (mA) |
| PANEL NO. : D0 | PANEL NO. : R0 | PANEL NO. : R0 |
| CT TERMINALS : X26A | CT TERMINALS : X01 | TEST SOCKET : TS1  |
| R | Y | B | N | R | Y | B | N | R | Y | B | N |
| 2 | 4 | 6 | 7 | 1 | 3 | 5 | 7 | 1 | 3 | 5 | 7 |
| R – E |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Y – E |  |  |  |  |  |  |  |  |  |  |  |  |  |
| B – E |  |  |  |  |  |  |  |  |  |  |  |  |  |
| R – Y |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Y – B |  |  |  |  |  |  |  |  |  |  |  |  |  |
| B – R |  |  |  |  |  |  |  |  |  |  |  |  |  |

* **PRIMARY INJECTION TEST : CT1-1 : ( CABLE DIFF. PROTECTION )**

|  |  |  |
| --- | --- | --- |
| PHASE | PRIMARY CURRENT(A) | SECONDARY CURRENT IN (mA) |
| PANEL NO. : R0 |
| FMP - CT TERMINALS  |
| R | Y | B | N |
| C3 | C6 | C9 | C14 |
| R – E |  |  |  |  |  |
| Y – E |  |  |  |  |  |
| B – E |  |  |  |  |  |
| R – Y |  |  |  |  |  |
| Y – B |  |  |  |  |  |
| B – R |  |  |  |  |  |

* **PRIMARY INJECTION TEST : CT1-2 : ( DISTANCE PROTECTION )**

|  |  |  |
| --- | --- | --- |
| PHASE | PRIMARY CURRENT(A) | SECONDARY CURRENT IN (mA) |
| PANEL NO. : D0 | PANEL NO. : R0 | PANEL NO. : R0 |
| CT TERMINALS : X26A | CT TERMINALS : X01 | TEST SOCKET : TS1  |
| R | Y | B | N | R | Y | B | N | R | Y | B | N |
| 19 | 21 | 23 | 24 | 1 | 3 | 5 | 7 | 1 | 3 | 5 | 7 |
| R – E |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Y – E |  |  |  |  |  |  |  |  |  |  |  |  |  |
| B – E |  |  |  |  |  |  |  |  |  |  |  |  |  |
| R – Y |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Y – B |  |  |  |  |  |  |  |  |  |  |  |  |  |
| B – R |  |  |  |  |  |  |  |  |  |  |  |  |  |

* **PRIMARY INJECTION TEST : CT1-2 : ( DISTANCE PROTECTION )**

|  |  |  |
| --- | --- | --- |
| PHASE | PRIMARY CURRENT(A) | SECONDARY CURRENT IN (mA) |
| PANEL NO. : R0 |
| SMP - CT TERMINALS  |
| R | Y | B | N |
| Q1 | Q3 | Q5 | Q7 |
| R – E |  |  |  |  |  |
| Y – E |  |  |  |  |  |
| B – E |  |  |  |  |  |
| R – Y |  |  |  |  |  |
| Y – B |  |  |  |  |  |
| B – R |  |  |  |  |  |

* **PRIMARY INJECTION TEST : CT1-3 : ( MEASUREMENT )**

|  |  |  |
| --- | --- | --- |
| PHASE | PRIMARY CURRENT(A) | SECONDARY CURRENT IN (mA) |
| PANEL NO. : D0 | PANEL NO. : D0 | PANEL NO. : D0 |
| CT TERMINALS : X26A | CT TERMINALS : WMTD | CT TERMINALS : VARTD  |
| R | Y | B | N | R | Y | B | N | R | Y | B | N |
| 35 | 37 | 39 | 41 | 1S | 2S | 3S | X26C:13 | 1S | 2S | 3S | X26C:13 |
| R – E |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Y – E |  |  |  |  |  |  |  |  |  |  |  |  |  |
| B – E |  |  |  |  |  |  |  |  |  |  |  |  |  |
| R – Y |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Y – B |  |  |  |  |  |  |  |  |  |  |  |  |  |
| B – R |  |  |  |  |  |  |  |  |  |  |  |  |  |

* **PRIMARY INJECTION TEST : CT1-3 : ( MEASUREMENT )**

|  |  |  |
| --- | --- | --- |
| PHASE | PRIMARY CURRENT(A) | SECONDARY CURRENT IN (mA) |
| PANEL NO. : D0 | PANEL NO. : D0 | PANEL NO. : D0 |
| AMMETER TERMINALS : AM | CT TERMINALS : X26A | CT TERMINALS: X26C  |
| R | Y | B | N | R | Y | B | N | R | Y | B | N |
| 9 | 11 | 13 | X26C:13 | 35A | 37A | 39A | X26C:13 | 1 | 5 | 9 | 13 |
| R – E |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Y – E |  |  |  |  |  |  |  |  |  |  |  |  |  |
| B – E |  |  |  |  |  |  |  |  |  |  |  |  |  |
| R – Y |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Y – B |  |  |  |  |  |  |  |  |  |  |  |  |  |
| B – R |  |  |  |  |  |  |  |  |  |  |  |  |  |

* **PRIMARY INJECTION TEST : CT1-3 : ( MEASUREMENT )**

|  |  |  |
| --- | --- | --- |
| PHASE | PRIMARY CURRENT(A) | SECONDARY CURRENT IN (mA) |
| PANEL NO. : D0 | PANEL NO. : D0 | PANEL NO. : D0 |
| TEST SOCKET : TS1 | BCU TERMINALS : TMU-Q | CT TERMINALS: X26C  |
| R | Y | B | N | R | Y | B | N | R | Y | B | N |
| 1 | 5 | 9 | 13 | 15 | 11 | 7 | 3 | 3 | 7 | 11 | 15 |
| R – E |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Y – E |  |  |  |  |  |  |  |  |  |  |  |  |  |
| B – E |  |  |  |  |  |  |  |  |  |  |  |  |  |
| R – Y |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Y – B |  |  |  |  |  |  |  |  |  |  |  |  |  |
| B – R |  |  |  |  |  |  |  |  |  |  |  |  |  |

* **PRIMARY INJECTION TEST : CT1-3 : ( MEASUREMENT )**

|  |  |  |
| --- | --- | --- |
| PHASE | PRIMARY CURRENT(A) | SECONDARY CURRENT IN (mA) |
| PANEL NO. : IFC | PANEL NO. : IFC |
| CT TERMINALS : X | TEST SOCKET : TTS |
| R | Y | B | N | R | Y | B | N |
| 5 | 7 | 9 | 11 | 12 | 16 | 20 | 18 |
| R – E |  |  |  |  |  |  |  |  |  |
| Y – E |  |  |  |  |  |  |  |  |  |
| B – E |  |  |  |  |  |  |  |  |  |
| R – Y |  |  |  |  |  |  |  |  |  |
| Y – B |  |  |  |  |  |  |  |  |  |
| B – R |  |  |  |  |  |  |  |  |  |

* **PRIMARY INJECTION TEST : CT1-4 : ( BUSBAR CHECK ZONE )**

|  |  |  |
| --- | --- | --- |
| PHASE | PRIMARY CURRENT(A) | SECONDARY CURRENT IN (mA) |
| PANEL NO. : D0 | PANEL NO. : R0 | PANEL NO. : R0 |
| CT TERMINALS : X26A | CT TERMINALS : X01 | TEST SOCKET : TS3  |
| R | Y | B | N | R | Y | B | N | R | Y | B | N |
| 61 | 59 | 57 | 56 | 20 | 22 | 24 | 26 | 1 | 3 | 5 | 7 |
| R – E |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Y – E |  |  |  |  |  |  |  |  |  |  |  |  |  |
| B – E |  |  |  |  |  |  |  |  |  |  |  |  |  |
| R – Y |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Y – B |  |  |  |  |  |  |  |  |  |  |  |  |  |
| B – R |  |  |  |  |  |  |  |  |  |  |  |  |  |

* **PRIMARY INJECTION TEST : CT1-4 : ( BUS BAR CHECK ZONE )**

|  |  |  |
| --- | --- | --- |
| PHASE | PRIMARY CURRENT(A) | SECONDARY CURRENT IN (mA) |
| PANEL NO. : R0 |
| PU-C - CT TERMINALS  |
| R | Y | B | N |
| B3 | B6 | B9 | B11 |
| R – E |  |  |  |  |  |
| Y – E |  |  |  |  |  |
| B – E |  |  |  |  |  |
| R – Y |  |  |  |  |  |
| Y – B |  |  |  |  |  |
| B – R |  |  |  |  |  |

* **PRIMARY INJECTION TEST : CT1-5 : ( BUSBAR / CBF PROTECTION )**

|  |  |  |
| --- | --- | --- |
| PHASE | PRIMARY CURRENT(A) | SECONDARY CURRENT IN (mA) |
| PANEL NO. : D0 | PANEL NO. : R0 | PANEL NO. : R0 |
| CT TERMINALS : X26A | CT TERMINALS : X01 | TEST SOCKET : TS2  |
| R | Y | B | N | R | Y | B | N | R | Y | B | N |
| 72 | 70 | 68 | 67 | 11 | 13 | 15 | 17 | 1 | 3 | 5 | 7 |
| R – E |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Y – E |  |  |  |  |  |  |  |  |  |  |  |  |  |
| B – E |  |  |  |  |  |  |  |  |  |  |  |  |  |
| R – Y |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Y – B |  |  |  |  |  |  |  |  |  |  |  |  |  |
| B – R |  |  |  |  |  |  |  |  |  |  |  |  |  |

* **PRIMARY INJECTION TEST : CT1-5 : ( BUSBAR / CBF PROTECTION )**

|  |  |  |
| --- | --- | --- |
| PHASE | PRIMARY CURRENT(A) | SECONDARY CURRENT IN (mA) |
| PANEL NO. : R0 |
| PU - CT TERMINALS  |
| R | Y | B | N |
| B3 | B6 | B9 | B11 |
| R – E |  |  |  |  |  |
| Y – E |  |  |  |  |  |
| B – E |  |  |  |  |  |
| R – Y |  |  |  |  |  |
| Y – B |  |  |  |  |  |
| B – R |  |  |  |  |  |

|  |  |  |
| --- | --- | --- |
| Item | Description | Checked |
| 1. | Inspect for any physical damage or defects. |  |
| 2. | Check nameplate information for correctness. |  |
| 3. | Check tightness of all bolted connections. |  |
| 4. | Check all grounding cables are securely connected. |  |

Shorting & Isolating Facility checked [ ]

Core Identification checked [ ]

Test Plugs Function Checked [ ]