1. **General Data and Information:**

**Bay No.**  **:**

**MCCB Type : Emax SACE 1600 A**

**Order No. : PR331/P**

**Manufacturer : ABB**

1. **Mechanical Checks And Visual Inspection:**

|  |  |  |
| --- | --- | --- |
| **Item** | **Description** | **Checked** |
| 1 | Inspect for physical damage / defects. |   |
| 2 | Verify connections as per approved drawings. |   |
| 3 | Check tightness of all bolted connections. |   |

1. **Electrical Test :**

**A. OVERLOAD TRIP (L) :**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **PHASE** | **SETTING CURRENT I1 A** | **FAULT CURRENT IF A** | **TIME** **SETTING t1 (sec)** | **EXPECTED** **TIME (sec)** | **ACTUAL TIME (sec)** |
| R |  |  |  |  |  |
|  |  |  |  |  |
| Y |  |  |  |  |  |
|  |  |  |  |  |
| B |  |  |  |  |  |
|  |  |  |  |  |

**Expected Time (T) = **

**b. SHORT CIRCUIT TRIP (S) :**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **PHASE** | **SETTING CURRENT I2 A** | **FAULT CURRENT IF A** | **TIME** **SETTING t2 (sec)** | **EXPECTED** **TIME (sec)** | **ACTUAL TIME (msec)** |
| R |  |  |  |  |  |
|  |  |  |  |  |
| Y |  |  |  |  |  |
|  |  |  |  |  |
| B |  |  |  |  |  |
|  |  |  |  |  |

**CRITERIA = t2 ± 40 ms**