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| **Electric Loco Shed , Bhusawal**  **Check Sheet for Single bottle VCB (Type-BVAC 25.10 M07) of M/s BT** | New Bitmap Image.bmp |

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| **O/H Date** | **Schedule -** | **VCB Sr. No -** |
|  |  | **Provided Date:-** |

|  |  |  |  |
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| **S.No** | **Description of Test** | **Standard Value** | **Actual Value** |
| 1 | I. R. Value.   1. Power ckt.   2) L.T. ckt. | 1) Power ckt. > 200 mega ohms by 1kv megger.  2) L.T. ckt. >10 mega ohms by 500 V megger |  |  |
| 2 | High Voltage Test  a) Main circuit (Close to Earth)  b) Between input and output of main contact (Open)  c) To aux circuit | 40 kV AC for 10 Sec. with stood.  40 kV AC for 10 Sec. with stood.  2kV AC for 1 min with stood. |  |
| 3. | Aux switch   1. Contact check and clean. 2. Check lever assembly for any crackness. | Check & Clean  No crack |  |
| 4. | Leakage Test. - | < 10% at 6.5 Kg/cm2 in 10 minutes. |  |
| 5. | i) Check resistance of EV Coil at R20º  ii) Check resistance of Holding coil at R20º | 275 – 321 Ω  690 – 810 Ω |  |
| 6. | Check pressure regulator setting. | 4.4 – 4.6 Kg/cm2 |  |
| 7. | Pressure Switch Setting.   1. Cut In 2. Cut Out. | 3.5 – 3.7 kg/cm²  3.2 – 3.4 kg/cm² |  |
| 8. | Overhaul   1. EV valve assembly 2. Pressure Regulator | O/H Done |  |
| 9 | Check the timing of CMDE unit | 600 m.sec. |  |
| 10 | Lubrication to be done. | Done |  |
| 11 | Minimum Operating Voltage. | ≤ 77.0 V. |  |
| 12 | Check Q factor of coil. | Check. |  |
| 13 | Take speed travel record (OEM manual) |  |  |

**NOTE:-** All points from OEM

**Must change Item of single bottle**

**VCB (Type-BVAC 25.10 M07) of M/s BT**

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| **Sr.No.** | **Item Description** | **Change** | **Not Change** | **Remark** |
| 1 | AOH Replacement Kit |  |  |  |
| 2 | IOH Replacement Kit |  |  |  |

**Sign of Tech - Sign of JE/SSE-**

**Name of Tech - Name of JE/SSE –**