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| **Electric Loco Shed , Bhusawal**  **Check Sheet for Single bottle VCB (Type VCBA 25.10 Tr ) of M/s AAL** | New Bitmap Image.bmp |

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| **O/H Date** | **Schedule -** | **VCB Sr. No -** |
| **Remove from Loco-** |  | **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) Fix Contact (HT) to Earth & Moving Contact  (HT).  b) Earth to Contacts (HT).  c) Earth & LT Terminals. | 40 kV AC for 10 sec. withstand  40 kV AC for 10 sec. withstand  2 kV AC for 1 min withstand |  |
| 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. |  |
| 6 | Check resistance of holding coil. (1510+/-8%) | 1390 – 1630 Ω |  |
| 6 | Check pressure regulator setting. | 4.4 – 4.6 Kg/cm2 |  |
| 7 | Pressure Switch Setting.   1. Cut In.   b) 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 | Minimum Operating Voltage. | ≤ 77.0 V. |  |
| 10 | Check Q factor of coil. | Check |  |
| 11 | Lubrication to be done. | Done |  |
| 12 | Take speed travel record As per OEM | Done |  |

**Must change Item of single bottle VCB**

**(Type- VCBA 25.10 Tr) of M/s AAL**

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

**Remark:-**

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

**Name of Tech - Name of JE/SSE –**