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| **Electric Loco Shed , Bhusawal**  **Check-sheet for Rev/CTF** | New Bitmap Image.bmp |

**(MMCLW)**

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| **Date of overhauling:-** | **Make of Rev/CTF:-** |
| **Schedule:-** | **Removed from Loco No.:-** |
| **Sr. No. of coil :-** | **Provided on Loco No.:-** |
| **EP valve Sr. No.:-** | **EP valve Sr. No.:-** |

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| **Sr.No.** | **Description of Test** | **Standard Value** | **Measured value** |
| 1 | Check complete Drum contacts & Frame for any  Damage/defect. (As per Description of Testing). **(MMCLW)** | No Damages |  |
| 2 | Varnishing of Drum to be done. **(MMCLW)** | Done |  |
| 3 | Check thickness of finger contact. **(MMCLW)** | 2 mm (min) |  |
| 4 | Check the bedding of main contact. **(MMCLW)** | 80% approx |  |
| 5 | Checks dip clearance between finger contact and contact holder of main finger contact. (SMI-234) | 1.5 – 2.5 mm |  |
| 6 | Check Main contact Pressure (SMI-234)  1000 Amp.  1500 Amp. | 09 – 11 kg/cm2  11 – 13 kg/cm2 |  |
| 7 | Check Aux. Switch Contact pressure. (SMI-234) 1000 Amp.  1500 Amp. | 180 – 220 gms.  160 – 250 gms. |  |
| 8 | Check Aux. Switch contact gap. **(MMCLW)** | 4 – 6 mm |  |
| 9 | Check for proper opening and closing of aux. contact. **(MMCLW)**. | Checked |  |
| 10 | Check IR with 1000 Volts Megger between  (a) Forward coil Terminal & frame.  (b) Reverse coil Terminal & frame **(MMCLW)** | 1 M ohm ( Min)  1 M ohm ( Min) |  |
| 11 | Check Air leakage of both EP valves in Energize  & De-Energize condition. **(MMCLW)** | No leakage |  |
| 12 | Check Air leakage of Servomotor in forward and reverse direction. **(MMCLW)** | No leakage |  |
| 13 | Provision of double check nuts at all possible positions. **(MMCLW)** | Provided |  |
| 14 | Provision of double Dowell pins at all Places. **(MMCLW)** | Provided |  |
| 15 | Minimum operating. Air pressure. (CLW Spec.)  1000 Amp.  1500 Amp | 2.5 Kg/cm²  4.00 Kg/cm² |  |

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| **Sr.No.** | **Description of Test** | **Standard Value** | **Measured value** |
| 16 | Check 20 times the operation of J/CTF at air pressure 8.5 Kg/Cm2  by giving DC Volts (SMI-234).  70 V  80 V  90 V  110 V | Checked |  |
| 17 | MV drop Description of Test of J/CTF at 3 points in cold condition. (SMI-234)   1. Connection to connection 2. Connection to half contact 3. Contact to contact | Done  60 mv  30 mv  10 mv |  |
| 18 | Lock marking at all Nuts & bolts. **(MMCLW)** | Marking done |  |
| 19 | Provision of Petroleum jelly on drums. **(MMCLW)** | Provided |  |
| 20 | Replacement of old / Defective Forks to be change during O/H .**(MMCLW)** | Change / Not change |  |

**Must change Item of Reverser/CTF**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Sr.No.** | **Item Description** | **Change** | **Not Change** | **Make** |
| 1 | Piston cup |  |  |  |
| 2 | Servo Motor gasket |  |  |  |
| 3 | Felt ring |  |  |  |

**Remark:-**

**Name of the Tech. Name and sign.of JE/SSE**