

**Government of India
Ministry of Railways
Research Designs & standards Organisation
Manak Nagar, Lucknow 226011.**

No. EL/3.2.12/EC2

July, 1980

**MODIFICATION SHEET NO. RDSO/WAM-4/105
INCREASE IN OUTPUT VOLTAGE SETTING OF BATTER CHARGERS
TYPE BCF6 AND BCF7**

1. **OBJECT :**

Provision of 0.6 to 0.7 ohm current limiting resistor (RCL) has been advised for battery chargers type BCF6 & BCF7 vide this office modification sheet No. RDSO/WAM-4/72 dated 23.8.1978. The additional series resistor has caused voltage drop of about 3 to 4 volts with normal current load. It is, therefore, necessary to increase the output voltage setting to 115V +1 V at no load/light load of about 1 Amp.

-0

2. **WORK TO BE CARRIED :**

2.1 Connect the battery charger to 380V, single phae, 50 HZ input supply and adjust potentiometer "PL" after loosening potentiometer locking arrangement such that the output voltage before current limiting resistor "RCL" is 115V + 1V instead 110V + 1V at present.

-0

2.2 Tighten the locking arrangement of potentiometer "PL" after setting and verify that the setting is not disturbed.

3. **APPLICABLE TO CLASS OF LOCOMOTIVES :**

Locomotives provided with Battery Chargers type BCF6 and BCF7

4. **MATERIAL REQUIRED :** N I L

5. **MODIFICATION DRAWING** N I L

6. **AGENCY FOR MODIFICATION** Electro Loco Sheds

7. **DISRIBUTION** As per list enclosed.

DA: Mailing list

S. Kumar

(S. Kumar)

Krite Maha Nideshak (Vidyut)