



No. EL/11.5.5/2

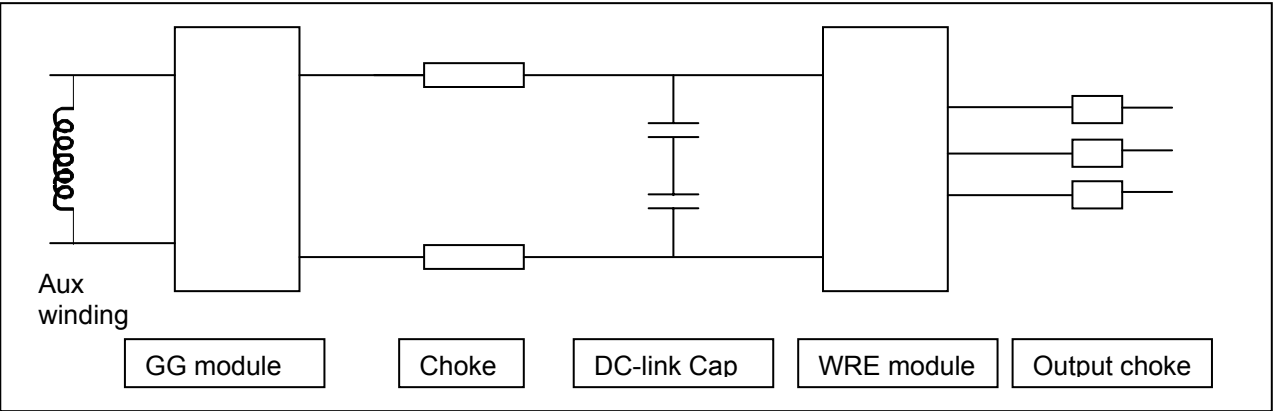
Dated 16.12.2005

Chief Electrical Engineer,

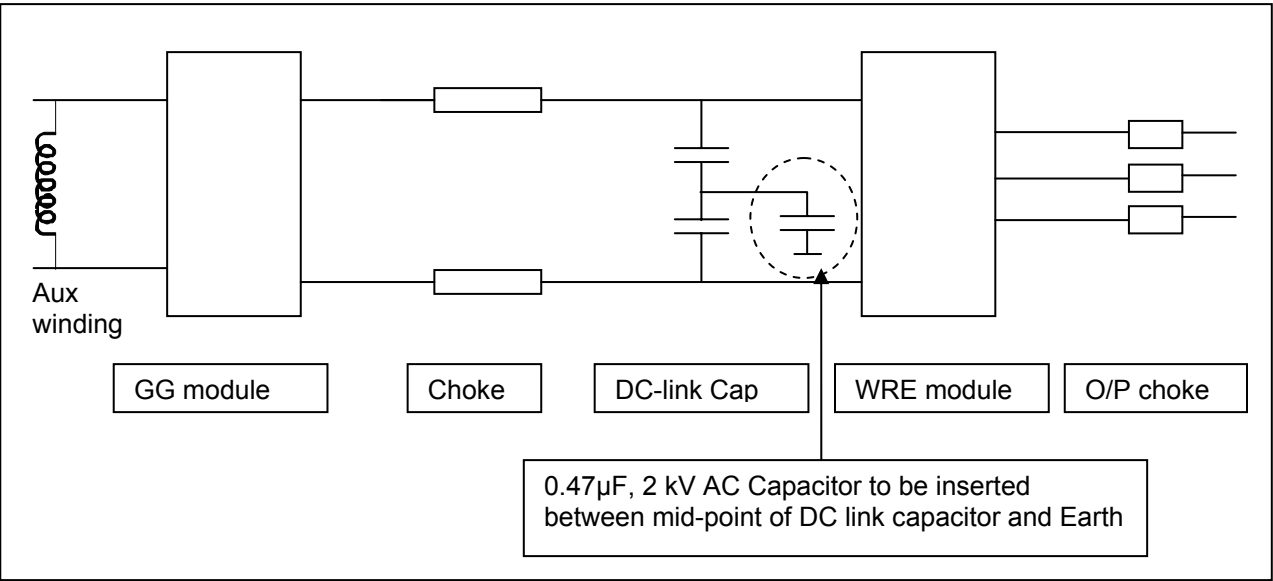
1. East Central Railway, Hajipur, Bihar-844 101
2. Northern Railway, Baroda House, New Delhi-110 001
3. Central Railway, CST Mumbai-400 001
4. Chittaranjan Locomotive Works, Chittaranjan-713 331 (WB)

MODIFICATION SHEET No. ELRS/MS/0342 (Rev. 0)

- 1.0 Title : Provision of Surge suppression capacitor in Auxiliary Converter of 3-ph loco
- 2.0 Object : To eliminate voltage surges in DC-link and output voltage of Aux Converter
- 3.0 Existing arrangement:



- 4.0 Modified arrangement to replace existing arrangement as given above in 3.0



- 5.0 Application to Class of Locomotives : WAP5, WAP7, WAG9 & WAG9H
- 6.0 Material Required : 0.47 μ F, 2000 VAC capacitor (one number per Auxiliary Converter i.e., 03 nos./ loco), connecting cables and socket as per requirement.
- 7.0 Material Rendered Surplus : Nil
- 8.0 Reference : RDSO Report No.
- 9.0 Modification Drawing : As per Para 4.0 above
- 10.0 Agency of Implementation : Electric Loco Sheds

Encl: Nil

N.K. Sinha
16/12/05
(N.K. Sinha)
for Director General (Elect.)

Copy to:-

1. Sr. DEE/TRS, Electric Loco Shed, East Central Railway, Gomoh-828 401
2. Sr. DEE/TRS, Electric Loco Shed, Northern Railway, Ghaziabad-201 001
3. Sr. DEE/TRS, Electric Loco Shed, Central, Railway, Ajni-440 008

Encl: Nil

N.K. Sinha
16/12/05
(N.K. Sinha)
for Director General (Elect.)