The Chief Mechanical Engineers  
All Indian Railways

Sub: Removal / Fitment of CTRB in ROH depots

As per Technical Pamphlet No. G-81 – Instructions for inspection and maintenance of Cartridge Tapered Roller Bearing fitted on CASNUB bogies issued by RDSO the bearing should not be opened in sick lines / ROH depots. Therefore, the overhauling of CTRB is to be carried out in workshops only.

2. Railway Board vide letter No. 2015/M(N)/951/32 dt. 05.10.15 and 2015/M(N)/951/26 dt. 11.09.15 have advised Zonal Railways that no wagons should be turned out after POH / ROH without marking of overhauling particulars on backing ring as per RDSO’s instruction vide letter No. MW.RB.Genl dt. 07.03.14 and 20.03.14. Marking of overhauling particulars not compliant to RDSO’s instructions is to be considered a rejectable defect in ROH and POH shops.

3. Implementation of the above instructions has lead to an increase in overhauled CTRB requirement in ROH Depots. References are being received from Zonal Railways regarding availability of insufficient quantity of overhauled CTRBs in ROH Depots. As transportation of CTRB (along with wheel set) to workshops is a time consuming job, it was suggested by the then MM that “If CMEs are confident that ROH depots are capable, then they may decide at their level for removal / fitment of CTRBs at ROH Depots. Overhauled CTRBs should be taken from workshops. WCR to experiment first”.

4. Accordingly, it is advised that removal / fitment CTRBs by providing suitable infrastructure i.e. Dust proof chamber, well lit and clean area for mounting / dismounting of CTRBs and adequate tools and plants etc. as prescribed in technical Pamphlet G-81 by RDSO may be taken up in ROH Depots. Before starting the work, training to staff should be provided for developing the skill sets. Zonal Railways shall get their facilities audited by RDSO within six months of the start of the removal / fitment activity in ROH depots.

Copy to:-
1. Exe. Director Standards Wagon/ RDSO
2. Exe. Director Q&A (Mechanical) /RDSO

(Rajesh Kumar)
Dir. Mech. Engg. (Fr.)
Railway Board