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EAST COAST RAILWAY

CE's CIRCULAR NO. 20

Sub: Staggered Rail Joints on Sharp Curves

Elbows and kinks are likely to develop in sharper curvature track if rail joints are laid square. Para 425 of Indian Railway P. way Manual stipulates that on sharp curves having radius less than 400 m on BG, the rail joints may be staggered.

In order to improve upon the alignment in sharp curves, it has been decided that all curves having radius less than 400 m shall be provided with staggered rail joints. In order to avoid battering, hogging and damage of GR pads and rail seats of sleepers, all such staggered rail joints should be provided with 1 m long fishplates.



(J. S. Tolia) 29/6

Chief Track Engineer

No. W.4/374/Pt.I/CE Circular/ 4489

o/c dated - 15/06/2005

Copy to:

1. Sr DEN(Co)/KUR, SBP & WAT – for information and circulation to all concerned.
2. All HODs, Dy HODs and Sr Scale and Jr Scale officer of Engg. Dept. at HQ - for information please.
3. CSO/BBS- for information please.
4. Secy To GM – for kind information to GM.