



कार्यालय
महा प्रबन्धक/इंजी०
पूर्वो-तर रेलवे, गोरखपुर
OFFICE OF THE GENERAL MANAGER/Engg.
N.E.RAILWAY, GORAKHPUR

No. CE/NER/Track/Circular/2001/275/Pt.II

Dated: 19.02.2001

CE's Circular No. 83 of 2001 (P.Way)

All Sr. DENs/I,
North Eastern Railway,
IZN, LJN, BSB, SEE & SPJ.

Sub : Metallurgical investigation of rail-test pieces in case of rail failure/visual or Ultrasonic detection of rail flaw.

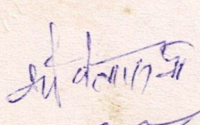
In order to analyse the actual cause of rail/weld failure and also to take appropriate preventive action, it is necessary to carry out the metallurgical investigation of fractured rail pieces. Following guide-lines are issued in this regard :-

1. Procedure for metallurgical investigations as detailed in Para 257(4), (5), (6) & (7) of IRPWM should be followed.
2. Apart from the cases covered vide (1), rail pieces have to be sent for detailed metallurgical investigation in the following cases :
 - (i) The rail/weld failure is a prima facie cause of train accident.
 - (ii) Premature weld failures where weld failures occur at less than 65% of matured GMT of rails.
3. In case rail/weld failure is a prima facie cause of train accident, the test pieces should be sent to RDSO/Lucknow for metallurgical investigation.
4. In case of failures of imported rails within guarantee period, irrespective of type of failure, the rail test pieces should be sent to RDSO/Lucknow.
5. In all other cases, the pieces should be sent to Chief Chemist and Metallurgist, Gorakhpur.


(B.D. Kumar)
Chief Track Engineer

c.c.:

- Secretary to C.E. for information of C.E.
- CBE, CPDE & CE/TSP&TMC for information.


23/4/01
MHA
23/2/2001