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: 'रेलमानक' लखनऊ
: 'RAILMANAK', Lucknow
लीफोन/Tele : 451200 (PBX)
450115 (DID)



सत्यमेव जयते

भारत सरकार - रेल मंत्रालय
अनुसंधान अभिकल्प और मानक संगठन
लखनऊ - 226011
Government of India-Ministry of Railways
Research Designs & Standards Organisation
Lucknow - 226011



No. MC/LHB/COACH

Dated: 27.02.2004

The General Manager (Engg.),

1. Central Railway, Chhatrapati Shivaji Terminus, Mumbai - 400 001
2. Eastern Railway, Fairlie Place, Kolkata - 700 001
3. Northern Railway, Baroda House, New Delhi - 110 001
4. North Eastern Railway, Gorakhpur - 273 012
5. Northeast Frontier Railway, Maligaon, Guwahati - 781 011
6. Southern Railway, Park Town, Chennai - 600 003
7. South Central Railway, Rail Nilayam, Secunderabad - 500 071
8. South Eastern Railway, Garden Reach, Kolkata - 700 043
9. Western Railway, Churchgate, Mumbai - 400 020
10. East Central Railway, Hajipur - 844 101
11. East Coast Railway, Chandrasekharpur, Bhubaneswar - 751 016
12. North Central Railway, Allahabad - 211 001
13. North Western Railway, Jaipur - 302 006
14. South East Central Railway, Bilaspur - 495 004
15. South Western Railway, Hubli - 580 023
16. West Central Railway, Jabalpur - 482 008

Sub: **Final Speed certificate for operation of BG EOG LHB AC
3-Tier (LHB variant) coach fitted with FIAT bogies at 160 km/h**
Ref: **RDSO's Speed Certificate No. MC/LHB/Coach dated 20.5.2003**

RDSO, vide reference above, issued final Speed Certificate for operation of BG EOG LHB AC 3-Tier (LHB variant) coach fitted with FIAT bogies at 160 km/h on tracks maintained to C&M-I Vol. I standards. As a partial amendment, clause 2.3.4 and sub clauses under it of above referred Speed Certificate shall now read as under:

- 2.3.4 Following works may be executed on programmed basis wherever existing installations do not have the following, in view of Railway Board's letter No. 2001/SIG/M/9 dated 27.9.2002.
- 2.3.4.1 Speed upto 130 km/h (in addition to clause 2.3.3)
- (i) Electrical operation of points and means for locking both switches. Means for lock detection and independent switch detection by the respective signals.
 - (ii) Means for directly holding the closed switch rail to corresponding stock rail and preventing the points from being unlocked during the passage of the train (clamp lock).

- (iii) The interlocking between signals and points shall be by electrical or electronic means (PI/RR/SSI). Track circuiting of complete station yard from first stop signal to last stop signal.
- (iv) Means of verifying complete arrival of trains by suitable means (axle counter/track circuit block proving).
- (v) Provision of telephone communication between driver-guard and driver-nearest station and/or control office.

2.3.4.2 Additional items for speeds above 130 km/h and upto 160 km/h.

- (i) Interlocking of all manned level crossing gates on the section with full complement of signals.
- (ii) Means for preventing driver from passing a signal at 'ON'.



(S.K.Sinha)

Executive Director Standards (Motive Power)

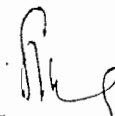
DA: Nil

Copy to:

The Secretary (Mech.), Railway Board, Rail Bhawan, New Delhi- 1100001

The General Manager (Mech.):

1. Central Railway, Chhatrapati Shivaji Terminus, Mumbai - 400 001
2. Eastern Railway, Fairlie Place, Kolkata - 700 001
3. Northern Railway, Baroda House, New Delhi - 110 001
4. North Eastern Railway, Gorakhpur - 273 012
5. Northeast Frontier Railway, Maligaon, Guwahati - 781 011
6. Southern Railway, Park Town, Chennai - 600 003
7. South Central Railway, Rail Nilayam, Secunderabad - 500 071
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11. East Coast Railway, Chandrasekharpur, Bhubaneswar - 751 016
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13. North Western Railway, Jaipur - 302 006
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15. South Western Railway, Hubli - 580 023
16. West Central Railway, Jabalpur - 482 008



(S.K.Sinha)

Executive Director Standards (Motive Power)

DA: Nil

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बोम्बेमागोला मन्त्रालय
वायवी एव प्रगण अनुमति

कोमो मग एव गो



भारत सरकार GOVERNMENT OF INDIA
रेल मंत्रालय MINISTRY OF RAILWAYS
(रेलवे बोर्ड RAILWAY BOARD)

11/12/02
दिनांक 11/12/02
वा. सं. 1 दिनांक Track
cf. Conv.
7

150 गीतवर्णन नम
No.2002/CEDU/SR/13

रेल भवन, नई दिल्ली 110001, दिनांक
Rail Bhavan, New Delhi-110 001, dated 10-12-2002

The Director General/Track,
R.D.S.O.,
MANAK NAGAR,
LUCKNOW - 226011.

11
10/12

Sub:- LHB variant AC3 - Tier EOG coach- Condonation of the infringements to Schedule of Dimensions-1929.

With reference to your application No.CT/DHS/3/Coach dt.25-7-02, sent through the Chief Commissioner of Railway, Safety, Lucknow, the sanction of Ministry of Railways is hereby communicated for condonation of infringement to the profile of standard maximum moving dimensions 1929 and others to clause 13(b), 16, 17, 19(b), 20(b), 21(b), 22, 31 & 32(b), Chapter-IV(A) of Schedule of Dimensions, 1973(Reprint) involved in the design of LHB Variant AC3-Tier EOG Coach as shown in Form-XI and sketch Plans accompanying your application referred above.

As the said coach has to move under restricted speed conditions.. The Zonal Railways therefore to take the sanction of the Competent Authority both for movement of these coaches and for the condonation of infringement on the respective section as usual.

(Parmod Kumar)
Exec.Dir.Civil Engg.(G)
Railway Board

No.2002/CEDU/SR/13

New Delhi, dated 10-12-2002

Copy forwarded for information to the Chief Commissioner of Railway Safety, Lucknow-226001, w.r.t. his endorsement No. Q-17012/01/2002-RS dated 24-10-2002.

ESSE
JST/CD
MC/3
A/K

10/12
date
Pl process the above certificate.

(Parmod Kumar)
for Secretary, Railway Board.

Pl. place app file.

24/12/02
12/12/02

