



भारत सरकार - रेल मंत्रालय  
अनुसंधान अभिकल्प और मानक संगठन  
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Government of India-Ministry of Railways  
Research Designs & Standards Organisation  
Lucknow - 226 011  
DID (0522) 2450115  
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## AMENDMENT No. 2 To PROVISIONAL SPEED CERTIFICATE

No.	TM/HM/S082/DUOMATIC/DFCCIL	Date	As Signed
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### (A) महाप्रबन्धक (इंजीनियरिंग),

1. मध्य रेलवे, छत्रपति शिवाजी टर्मिनस, मुम्बई- 400 001
2. पूर्व रेलवे, फेयरली प्लेस, कोलकाता- 700 001
3. उत्तर रेलवे, बडौदा हाऊस, नई दिल्ली- 110 001
4. पूर्वोत्तर रेलवे, गोरखपुर- 273 001
5. पूर्वोत्तर फ्रन्टियर रेलवे, मालीगाँव, गुवाहाटी- 781 011
6. दक्षिण रेलवे, एनेक्सी, पार्क टाऊन, चेन्नई- 600 003
7. दक्षिण मध्य रेलवे, रेल निलायम, सिकन्दराबाद- 500 071
8. दक्षिण पूर्व रेलवे, गार्डन रीच, कोलकाता- 700 043
9. पश्चिम रेलवे, चर्चगेट, मुम्बई- 400020
10. उत्तर मध्य रेलवे, प्रयागराज- 211 001
11. उत्तर पश्चिम रेलवे, जयपुर- 302 006
12. पूर्व मध्य रेलवे, हाजीपुर- 844 101
13. पूर्व तट रेलवे, रेलवे कॉम्पलेक्स, भुवनेश्वर- 751 023
14. दक्षिण पश्चिम रेलवे, हुबली- 580 023
15. पश्चिम मध्य रेलवे, जबलपुर- 482 001
16. दक्षिण पूर्व मध्य रेलवे, बिलासपुर- 495 004

### (B) प्रबन्ध निदेशक,

डेडीकेटेड फ्रेट कोरीडोर कॉर्पोरेशन ऑफ इण्डिया लि0 पाँचवा तल, प्रगति मैदान मेट्रो स्टेशन बिल्डिंग  
कॉम्पलेक्स नई दिल्ली-110 001

Sub:	Amendment No.2 to Provisional Speed Certificate for operation of Duo-matic Two Sleepers Tamping Machine Model 09-32CSM (Transportation code CSM Duo D), supplied by M/s Plasser, India upto maximum speed of 60 kmph when running on its own power as well as when running in train formation over Indian Railways and over routes of Eastern & Western dedicated freight corridors of Indian Railway.
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Ref:	i) Provisional Speed certificate no. TM/HM/S082/DUOMATIC/DFCCIL dated 07.06.2023 and followed by Amendment No.1 of even no. dated 05.12.2023. ii) Interim Speed Certificate No. TM/HM/S082/DUOMATIC/DFCCIL dated 30.10.2024 iii) CCRS letter No. Q.12011/15/2023-24- त.वि. Dated 06.12.2024.
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Provisional Speed Certificate of Duo-matic Two Sleepers Tamping Machine Model 09-32CSM (Transportation code CSM Duo D), supplied by M/s Plasser, India and Amendment No.1 had been issued vide reference above (i).

As Interim Speed Certificate of subjected machine had been issued on the basis of Oscillation Trail on DFC route only vide letter referred (ii) above. Proposal of sanction for increasing of speed on the basis of Interim Speed Certificate on DFCCIL routes only is in the process. For  
No. TM/HM/S082/DUOMATIC/DFCCIL

regulation of subject rolling stock over IR routes as asked by CCRS Vide letter referred (iii) above, it has been decided to issue an Amendment No. 2 for regulation of subject rolling stock over IR with following modifications to Provisional Speed certificate.

i) The subject of Provisional Speed Certificate to be read as under:-

<b>Sub:</b>	Provisional Speed Certificate for operation of Duo-matic Two Sleepers Tamping Machine Model 09-32CSM (Transportation code CSM Duo D), supplied by M/s Plasser, India upto maximum speed of 60 kmph when running on its own power as well as when running in train formation over Indian Railways.
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ii) Para **3.2.1.1, 3.2.1.4, 3.2.1.7, 3.2.1.8, 3.3.1, 3.4.1, 3.6.2 & 3.6.3** are amended/modified/added as below:

<b>3.2.1.1</b>	The clearance refers to “Standard RDSO Spans” bridges with standard design of girders, slabs, pipe culverts, piers and abutments etc. issued by RDSO for BGML, RBG, MBG and 25t Loading - 2008 standard loadings.
<b>3.2.1.4</b>	All Standard RDSO spans of BGML, RBG, MBG and 25t Loading – 2008 standard loadings are restricted for speed of 60 kmph when running on its own power as well as when running in train formation.
<b>3.2.1.7</b>	The final speed on bridges shall also be governed by the track structure on the bridges. Therefore, the lower of the two speeds i.e. speed on particular bridges and speed for track structure over those particular bridges shall prevail as the running speed.
<b>3.2.1.8</b>	The above Para have been arrived at considering bridges are in physically sound condition. In case the bridges are not in satisfactory physical condition, necessary speed restriction to be imposed by Chief Bridge Engineer of Zonal Railway on condition basis.
<b>3.3.1</b>	Provisions of GR, SR, IRSOD, SEM & all extant instructions issued from time to time as applicable shall be complied with.
<b>3.4.1</b>	Before initiating the operation of the Duo-matic Two Sleepers Tamping Machine Model 09-32 CSM supplied by M/s Plasser, India, the Chief Engineer/Track Machine of the concerned Railway shall ensure the safety of the rolling stock and certify the track worthiness. He shall ensure the proper maintenance of the rolling stock.
<b>3.6.2</b>	The profile of Duo-matic Two Sleepers Tamping Machine Model 09-32 CSM supplied by M/s Plasser, India as per GA Drg. No. UD00.762-IN Ver.03 does not infringe with the Clauses of Chapter IV (D) of Indian Railway Schedule of Dimensions B.G. Revised-2022.
<b>3.6.3</b>	All the permanent and temporary speed restrictions in force and those that shall be imposed from time to time due to track, bridges, curves, signaling and interlocking etc. shall also be observed. In this connection the speed on curve shall be in accordance with Para 3.1.1.4 for Indian Railway Track of this speed certificate.

- iii) As Interim Speed Certificate supersedes the Provisional Speed Certificate on DFC track only, Provisional Speed Certificate on IR route still valid for the period of 5 years from date of issuance ie. 07.06.2023. Hence all the paras of DFCCIL of PSC will be treated as deleted.
- iv) Machine ‘when running in train formation as last vehicle and as a dead vehicle’ where ever mentioned in speed certificate has been replaced with **‘when running in train formation as a dead vehicle’**.

- v) Indian Railways Permanent Way Manual, June-2020 has been replaced with latest Indian Railways Permanent Way Manual, 2024 where ever mentioned in speed certificate.
- vi) Para no. 3.6.5 of General Stipulations of PSC has been deleted.
- vii) The Existing para nos 3.6.6, 3.6.7 & 3.6.8 of General Stipulations have been renumbered and read as 3.6.5, 3.6.6 & 3.6.7.

**ENCLOSURES:/ संलग्नक:**

i)	CCRS letter No. Q.12011/15/2023-24- त.वि. Dated 06.12.2024.
ii)	Provisional Speed certificate no. TM/HM/S082/DUOMATIC/DFCCIL dated 07.06.2023 and followed by Amendment No.1 of even no. dated 05.12.2023.

Digitally Signed by Nitin  
Mehrotra  
Date: 11-03-2025 13:33:43  
Reason: Approved  
(नितिन मेहरोत्रा)

कार्यकारी निदेशक मानक/चालन शक्ति

**प्रतिलिपि:**

- सचिव, {यांत्रिक/विद्युत/इंजीनियरिंग(जी)}, रेलवे बोर्ड, रेल भवन, नई दिल्ली— 110001
- मुख्य रेल संरक्षा आयुक्त, स्टेट एंट्री रोड, नई दिल्ली —110055
- महाप्रबन्धक (यांत्रिक/विद्युत/संचालन/संकेत एवं दूरसंचार)
  - मध्य रेलवे, छत्रपति शिवाजी टर्मिनस मुम्बई— 400 001
  - पूर्व रेलवे, फेयरली प्लेस, कोलकाता— 700 001
  - उत्तर रेलवे, बडौदा हाऊस, नई दिल्ली— 110001
  - पूर्वोत्तर रेलवे, गोरखपुर— 273001
  - पूर्वोत्तर फ्रन्टियर रेलवे, मालीगाँव, गुवाहाटी— 781 011
  - दक्षिण रेलवे, एनेक्सी, पार्क टाऊन, चेन्नई— 600 003
  - दक्षिण मध्य रेलवे, रेल निलायम, सिकन्दराबाद— 500 071
  - दक्षिण पूर्व रेलवे, गार्डन रीच, कोलकाता— 700 043
  - पश्चिम रेलवे, चर्चगेट, मुम्बई— 400020
  - उत्तर मध्य रेलवे, प्रयागराज— 211 001
  - उत्तर पश्चिम रेलवे, जयपुर— 302 006
  - पूर्व मध्य रेलवे, हाजीपुर— 844 101
  - पूर्व तट रेलवे, रेलवे कॉम्प्लेक्स, भुवनेश्वर— 751 023
  - दक्षिण पश्चिम रेलवे, हुबली— 580 023
  - पश्चिम मध्य रेलवे, जबलपुर— 482 001
  - दक्षिण पूर्व मध्य रेलवे, बिलासपुर— 495 004
- अध्यक्ष एवं प्रबन्ध निदेशक, कोंकण रेलवे कारपोरेशन लिमिटेड, बेलापुर भवन, सेक्टर—11, सी.बी.डी.बेलापुर नवी मुम्बई—400 614.

5. सी.जी.एम ( यांत्रिक / विद्युत / इंजी / यातायात / संकेत एवं दूर संचार) डेडीकेटेड फ्रेट कोरीडोर कॉर्पोरेशन ऑफ इण्डिया लि० नई दिल्ली-110001.

**ENCLOSURES:/ संलग्नक:**

i)	CCRS letter No. Q.12011/15/2023-24- त.वि. Dated 06.12.2024.
ii)	Provisional Speed certificate no. TM/HM/S082/DUOMATIC/DFCCIL dated 07.06.2023 and followed by Amendment No.1 of even no. dated 05.12.2023.

**(Signed)**

**(नितिन मेहरोत्रा)**

कार्यकारी निदेशक मानक / चालन शक्ति

16  
10-12-2024



मुख्य रेल संरक्षा आयुक्त कार्यालय,  
तीसरी मंजिल, ट्रेफिक अकाउंट बिल्डिंग,  
स्टेट एंटी रोड, नई दिल्ली-110055.

भारत सरकार  
नागर विमानन मंत्रालय  
(रेल संरक्षा आयोग)  
GOVERNMENT OF INDIA  
MINISTRY OF CIVIL AVIATION  
(COMMISSION OF RAILWAY SAFETY)

आयुक्त  
आयुक्त

REC/Ink

Chief Commissioner of Railway Safety,  
3rd Floor, Traffic Account Building,  
State Entry Road, New Delhi-110055.

संख्या-Q.12011/15/2023-24-त.वि.

दिनांक-08.12.2024

सेवा में,  
महानिदेशक  
अनुसंधान, अभिकल्प एवं मानक संगठन,  
मानक नगर, लखनऊ-228011

विषय: Increase in sanctioned maximum speed of Duo-matic Two Sleepers Tamping Machine Model "09-32CSM"(Transportation code- CSM Duo D) supplied by M/s Plasser, India for operation upto maximum speed of 75kmph when running on its own power and 70kmph when running in train formation from existing maximum sanctioned speed of 60 kmph when running on its own power as well as when running in train formation as a dead vehicle for operation over routes of Eastern & Western dedicated freight corridors of DFCCIL.

संदर्भ: (i) RDSO's letter No. TM/HM/S086/DUOMATIC/DFCCIL, dated 28.11.2024  
(ii) RDSO's Interim Speed Certificate No. TM/HM/S082/DUOMATIC/DFCCIL dated 30.10.2024

Vide reference (i); RDSO has approached this office for increase of sanctioned maximum speed of subject rolling stock on Eastern & Western dedicated freight corridors of DFCCIL up to 75 kmph when running on its own power and 70 kmph in train formation as a dead vehicle from existing maximum sanctioned speed of 60 kmph on the basis of RDSO's Interim speed Certificates (ISC) mentioned under ref. (ii).

The case has been examined and it is noted that earlier sanction of Railway Board in the basis of Provisional Speed Certificate was for operation of subject rolling stock on both IR & DFC. Now RDSO has proposed operation of subject stock on the basis ISC for operation on DFC only. Is there a plan of conducting oscillation trials over IR routes for regularization of subject rolling stock over IR. The clarification for the may be furnished for further processing the case at this end.

This is issued with the approval of Chief Commissioner of Railway Safety.

06/12/24

(ओप पीठ यादव)  
विशेष कार्याधिकारी (यांत्रिक)  
कृते मुख्य रेल संरक्षा आयुक्त