



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
DID (0522) 2465310



AMENDMENT No. 1 To FINAL SPEED CERTIFICATE

No.	TM/HM/11/23/RGM	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, मालीगौव, 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

Sub:	Amendment No.1 to Final speed certificate for operation of Rail Grinding Machine Model "RGI 72" (Transportation Code- CRG 72L) supplied by M/s Loram, USA up to a maximum speed of 65 kmph when running on its own power as well as in train formation as a dead vehicle on Indian Railways.
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Ref:	i) Final Speed Certificate No. TM/HM/11/23/RGM dated 11.09.2024. ii) CCRS letter no. Q.12011/11/2020-21- त.वि dated 11.11.2024.
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Final speed certificate for operation of Rail Grinding Machine Model "RGI 72" (**Transportation Code- CRG 72L**) supplied by M/s Loram, USA up to a maximum speed of 65 kmph when running on its own power as well as in train formation as a dead vehicle on Indian Railways had been issued vide reference (i) above. However, vide letter referred (ii) above, CCRS has raised the observation that the provision for attachment of machine with goods/passenger train as mentioned in Speed certificate is considered to be unsafe and not acceptable in Track machines. In compliance of the above observation raised by CCRS, similar provisions in the above referred Final speed certificate is being deleted. Accordingly, Amendment No.1 to Rail Grinding Machine Model "RGI 72" is being issued with following modifications as given below:

- Para 3.6.5 of General Stipulations in the FSC" has been deleted.
- The Existing paras 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:/ संलग्नकः

i) CCRS letter No. Q.12011/11/2020-21- त.वि dated 11.11.2024.

Digitally Signed by Nitin
Mehrotra
Date: 31-12-2024 10:19:02
Reason: Approved
(नितिन मेहरोत्रा)

कार्यकारी निदेशक मानक/चालन शक्ति

प्रतिलिपि:

1. सचिव, [यांत्रिक/विद्युत/इंजीनियरिंग(जी)], रेलवे बोर्ड, रेल भवन, नई दिल्ली- 110001
2. मुख्य रेल संरक्षा आयुक्त, स्टेट एंट्री रोड, नई दिल्ली - 110055
3. महाप्रबन्धक (यांत्रिक/विद्युत/संचालन/संकेत एवं दूरसंचार)
 - i) मध्य रेलवे, छत्रपति शिवाजी टर्मिनस मुम्बई- 400 001
 - ii) पूर्व रेलवे, फेयरली प्लेस, कोलकाता- 700 001
 - iii) उत्तर रेलवे, बडौदा हाऊस, नई दिल्ली- 110001
 - iv) पूर्वोत्तर रेलवे, गोरखपुर- 273001
 - v) पूर्वोत्तर फ्रन्टियर रेलवे, मालीगौंव, गुवाहाटी- 781 011
 - vi) दक्षिण रेलवे, एनेक्सी, पार्क टाऊन, चेन्नई- 600 003
 - vii) दक्षिण मध्य रेलवे, रेल निलायम, सिकन्दराबाद- 500 071
 - viii) दक्षिण पूर्व रेलवे, गार्डन रीच, कोलकाता- 700 043
 - ix) पश्चिम रेलवे, चर्चगेट, मुम्बई- 400020
 - x) उत्तर मध्य रेलवे, प्रयागराज- 211 001
 - xi) उत्तर पश्चिम रेलवे, जयपुर- 302 006
 - xii) पूर्व मध्य रेलवे, हाजीपुर- 844 101
 - xiii) पूर्व तट रेलवे, रेलवे कॉम्प्लेक्स, भुवनेश्वर- 751 023
 - xiv) दक्षिण पश्चिम रेलवे, हुबली- 580 023
 - xv) पश्चिम मध्य रेलवे, जबलपुर- 482 001
 - xvi) दक्षिण पूर्व मध्य रेलवे, बिलासपुर- 495 004
4. अध्यक्ष एवं प्रबन्ध निदेशक, कोंकण रेलवे कारपोरेशन लिमिटेड, बेलापुर भवन, सेक्टर-11, सी.बी.डी.बेलापुर नवी मुम्बई-400 614.

ENCLOSURES:/ संलग्नकः

i) CCRS letter No. Q.12011/11/2020-21- त.वि dated 11.11.2024

(Signed)

(नितिन मेहरोत्रा)

कार्यकारी निदेशक मानक/चालन शक्ति



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

भारत सरकार
नागर विमानन मंत्रालय
(रेल संरक्षा आयोग)

GOVERNMENT OF INDIA
MINISTRY OF CIVIL AVIATION
(COMMISSION OF RAILWAY SAFETY)



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

संख्या-Q.12011/11/2020-21-त.वि.

सेवा में,

महानिदेशक (रेल पथ मशीन)

अनुसंधान, अभिकल्प एवं मानक संगठन,
मानकनगर, लखनऊ।

दिनांक-11.11.2024

Sub : Introduction of Rail Bound Mobile Vehicle for Civil Engineering works with MMU Equipment Model RBMV.02.B (Transportation Code- RBMVC D, Max. Axle Load -20t) manufactured by M/s. Phooltas Transrail Ltd Patna, upto maximum speed of 60kmph when running on its own power as well as when running in train formation over Indian Railways BG routes and over routes of Eastern & Western dedicated freight corridors of DFCCIL.

Ref : (i) Director General/RDSO's letter no. TM/HM/S086/RBMV Phooltas/DFCCIL, dt. 25.10.2024.
(ii) RDSO's Provisional Speed Certificate no. TM/HM/S082/RBMV Phooltas /DFCCIL, dt. 08.04.2024

1. In reference to (i) above, the application for recommending sanction of Central Government for running of Rail Bound Mobile Vehicle for Civil Engineering works with MMU Equipment Model RBMV.02.B (Transportation Code- RBMVC D, Max. Axle Load -20t) manufactured by M/s. Phooltas Transrail Ltd Patna, upto maximum speed of 60kmph when running on its own power as well as when running in train formation over Indian Railways BG routes and over routes of Eastern & Western dedicated freight corridors of DFCCIL on the basis of RDSO's Provisional Speed Certificate mentioned under Ref. (ii) has been received.
2. The application has been examined and following observations are noted that required clarification/confirmation for further processing of the case at this end:
 - i. In case of emergency situation like failure of machine in block section, provision of para 3.6.4 of provisional speed certificate (PSC) are to be followed and ensured for the clearing the block section. The provision for attachment of machine with goods / passenger train as mentioned in para 3.6.5 of PSC is considered to be unsafe and not acceptable as pointed out by the commission in past cases also. It is again advised that the para 3.6.5 from PSC to be deleted with necessary amendment to PSC for further processing of the case.
 - ii. In the proposal a reference of joint commissioning test of subject machine found to be conducted at DFCCIL facility and deficiencies observed were found to be flagged. Although, a copy of conditional commissioning certificate issued by the contractor have been provided without mention of compliance of noted deficiencies. Comment in this regard may be furnished.
 - iii. Performance history of similar type of machine along with details of failures for last 06 months with its redressal in the subject machine may be furnished. Also advantages of the proposed machine over existing machine may be given in detail.

It is requested to furnish clarifications on above mentioned observations for further processing of the case at this end.

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

11.11.24

(ओ० पी० यादव)
विशेष कार्याधिकारी (यांत्रिक)