भारत सरकार Government of India
रेल मंत्रालय Ministry of Railways
(रेलवे बोर्ड) (Railway Board)

No. 2019/CEDO/SR/21(1)

New Delhi, dated 02.07.2020

The Director General
Research Designs & Standards Organisation
Manak Nagar, Lucknow-226011

The General Manager,
All Indian Railways

Sub:- Introduction of 12000 HP WAG11 (Twin Co-Co Electric Locomotives converted from WDG4, Maximum Axle Load 21.0t) to RDSO General Arrangement Drawing No. SK.DL- 4796 Alt.1 & SK.DL-4793 Alt.1 up to a maximum speed of 95 kmph on various electrified sections of IR track.

Ref:- (i) RDSO's letter No. EL/11.5.5/20, dated 17.05.2019.
(ii) CCRS's letter No. Q.12011/01/2019-20-त.वि., दिनांक – 02.09.2019.

With reference to RDSO above application, sent through the Chief Commissioner of Railway Safety, Lucknow; sanction of the Ministry of Railways, Railway Board is hereby communicated for Introduction of operation of of 12000 HP WAG11 (Twin Co-Co Electric Locomotives converted from WDG4, Maximum Axle Load 21.0t) to RDSO General Arrangement Drawing No. SK.DL- 4796 Alt.1 & SK.DL-4793 Alt.1 up to a maximum speed of 95 kmph on track maintained to IRPWM Standard on various electrified sections of IR track, with following stipulations :

(i) Compliance of all conditions laid down in RDSO's Final Speed Certificate No. SD.WAG11.11, Dated 17.05.2019 along with Amendment No. 2 dated 14.02.2020 for operation up to the maximum speed of 95 kmph shall be ensured on the Railways, while seeking the sanction of General Manager, for introduction of the locomotive on the Railways. Documents shall be submitted to the Commission before the start of actual operation of the Locomotive as per the extant procedure.

(ii) As per para 6.1.2 of Revised Policy Circular-6 Dated 31.10.2018, trains will be introduced in the sections at the speeds as per provision of General Rules 1976–Rule 4.08 1(a).

(iii) Maximum speed of the locomotive shall be restricted as speeds proposed therein or the maximum permissible speed of the section, whichever is less.

(iv) Observance of all permanent and temporary speed restrictions already in force.

(v) Location of bridges on which speed restrictions have been imposed shall be notified by the Railways and incorporated in the working time table.

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(vi) On the sections where EBD of more than one kilometre is to be catered for, second distant signal or automatic signalling should be available, failing which, suitable speed restriction is to be imposed.

(vii) All level crossing gates within station limit should be manned and interlocked with station signals. All level crossing gates outside station limit should be interlocked depending on the classification of level crossing.

(viii) Suitable communication shall be provided in the locomotive and guards van for communication between loco pilot, guard and adjacent station master.

(ix) Before initiating the operation, Principal Chief Engineer of the concerned Railway shall certify the track worthiness and ensure safety of rolling stock. Proper maintenance of the rolling stock shall also be ensured.

(x) Brakes of the rolling stock shall be in good working order during the operation.

(xi) The tractive effort control device should always be in working condition.

(xii) Safety Certification for all Electrical System shall be done by the EIG of the Zonal Railway maintaining the Rolling stock and submitted to Commission before commencing actual operations.

(xiii) Comprehensive and frequent training of LP and ALP should be organized to familiarize the layout of the Cab and Machine room, protection systems and troubleshooting of in the locomotive.

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02.07.20

(प्रेम सागर गुप्ता)
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Copy forwarded for information to :

1. The Chief Commissioner of Railway Safety, Office Compound of DRM/NER, Ashok Marg, Lucknow, w.r.t. his endorsement no. Q.12011/01/2019-20-त.वि., दिनांक – 02.09.2019.
2. Executive Director (Standards)Motive Power RDSO, Lucknow.
3. Executive Director Standards (Track-I), RDSO, Lucknow.
4. Executive Director/EE(RS), Railway Board.

(प्रेम सागर गुप्ता)
कृते, सचिव रेलवे बोर्ड