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

No.2005/M (N)/204/1 Vol.IV

रेल भवन, नई दिल्ली- 110001, तिथि
Rail Bhavan, New Delhi-110001, **Dated 16.05.2019**

Pr. Chief Mechanical Engineers
All Indian Railways

Sub: **Repair of doors of BCNHL wagons and retrofitment of two parts sliding door arrangements.**

Ref: 1) SCR's letter No.M.248/WS/RSPW/2019-20/476 dt.14.5.2019
2) Board's letter of even number dated 19/10/2015

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Detailed instructions were issued vide ref(2) regarding modification of BCNHL wagons to make them safer and user friendly by provision of modified 2 piece sliding doors mechanism through retrofitment against RSP provision. Railways from time to time have been approaching Board with a request for providing additional RSP sanction for replacement of doors in BCNHL wagons available on their system.

BCNHL wagons right from the their initial induction in May 2018 have been manufactured with a series of different designs of doors out of which VI modified design (MOD VI) was the two parts sliding door arrangement. MOD-VI, double sliding design has been prescribed for retrofitment against the RSP sanction as well as replacement of damaged doors during operation.

The RSP provision, which was taken earlier was meant for retrofitment of two parts sliding doors in wagons originally manufactured with 6" door centre locking from inside and 6" door with centre locking from inside with cotters provided on door side. The total population of such wagons was about 4000, which was covered under RSP provision. It had been advised that all these 4000 wagons shall be turned out from POH only after retrofitment 2 parts sliding doors since it was found is one of the accident cases these doors are dangerous when defective and can be serious safety risk due to a tendency to infringe with MMD during the run.

Vide Board's letter under reference above railways were advised that all the BCNHL wagon with original and modified MODI design are to be provided with two parts sliding doors against the RSP provision. The replacement required for doors of any other design in BCNHL wagons is not to be charged to the RSP work. Railways therefore, need to make arrangements for such replacement/retrofitment of two parts sliding doors against their regular revenue budgetary allocations only. Further, in all cases where the doors are found to be beyond repair should be replaced and such replacement should always be with two parts sliding door arrangement and against regular revenue budget.

Necessary action may be taken by railways accordingly.

(AJAY NANDAN)
Exec. Director Mech. Engg(Fr)
Railway Board

दक्षिण मध्य रेलवे

SOUTH CENTRAL RAILWAY

प्रधान कार्यालय / Headquarters Office

यांत्रिक शाखा/ Mechanical Branch

रेल निलयम / Rail Nilayam

सिकंदराबाद / Secunderabad

स/No. M.248/WS/RSPW/2019-20/476 दिनांक/Date 14.5.2019

विषय/ Sub: Sanction of Retrofitment of two piece sliding Door modification on BCNHL wagons under Bulk RSP.

EDME/Freight,
Railway Board.

During the inspection of C&W depot, BZA by undersigned on 9.5.2019, it was observed that the sick marking of wagons is maximum on account of door defects of BCNHL wagons. The details of sick -outturn and door defects for 2017-18 and 2018-19 is as below:

Year	Sick BCNHL wagons	Door defects	Percentage contribution
2017-18	940	618	66%
2018-19	1771	1256	71%

Presently, BZA depot maintains maximum number of BCNHL CC rakes i.e., 74 rakes. There are about 950 BCNHL wagons which are running with old design doors and are suffering damages. These have to be replaced with two piece sliding doors.

The replacement of two piece sliding doors will be carried out at RYPS as well as at the wagon depot as is being done today. Railway Board is requested to accord RSP sanction for 1000 wagons to be retrofitted with two piece sliding doors.

14/5/19

(Arjun Mundiya)
PCME/SCR

GOVERNMENT OF INDIA
MINISTRY OF RAILWAYS
(RAILWAY BOARD)

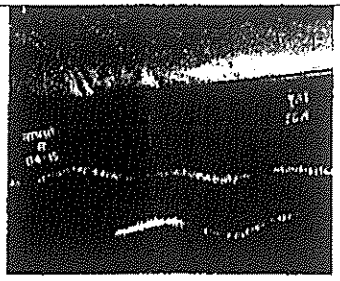
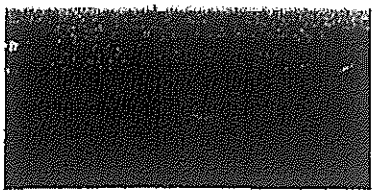
No.: 2005/M (N)/204/1 Vol. III **New Delhi, dated:** 19/10/2015

The Chief Mechanical Engineers
All Indian Railways (O/L)

Sub : Modification of BCNHL Wagons to make them safer and user friendly by provision of modified doors.
Ref : Western Railway's letter no. M 116/29/8 dated 24/08/2015

The issue of modification of BCNHL Wagons to make them safer and user friendly by provision of modified doors has been reviewed in consultation with RDSO.

This RSP work is arising out of a direct recommendation of CRS. The total number of BCNHL wagons in which this modification is required to be done (i.e. BCNHL wagons manufactured prior to June 2010) is around 4000. Pictorial view of the doors for which this RSP work of modification has been sanctioned is as under:

S.No	Time/Period of introduction	Pictorial View	Door Type	Fitted in Approx no. of wagons
1	May 2008		**Original:** Six hinge door with centre locking from inside	1000
2	June 2009		**MOD – I:** Six hinge door with centre locking from inside & cotters – long and short provided on door sides	3111

A total RSP of 4020 wagons has been allotted to various railways for doing this RSP work. Some railways have also done the modification on revenue account in the past. As such, no additional RSP allotment is necessary to cover the entire fleet of eligible BCNHL wagons for this modification.

Board (MM) has decided that eligible BCNHL wagons should be turned out from workshops after POH invariably with this modification.

In order to speed up this RSP work, instructions have already been issued vide this office's letters no. 2005/M (N)/204/1 Vol. II dated 26/07/2013 & 06/12/2013, which may be strictly adhered to by zonal railways.

It may also be ensured that repairs/replacement, if any, of other designs of doors of BCNHL wagons during POH should not be charged to this RSP work.

Kindly acknowledge receipt.

(Ajay Nandan)
Exec. Dir. Mech. Engg. (Freight)
Railway Board

OK
Please Issue
19/10/15

20/X