



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



No.: 2010/Dev.Cell/IMMI/12 Vol.II

New Delhi,

Dated : As signed

The Principal Chief Mechanical Engineers
All Zonal Railways

Sub.: Use of Portable RFID Readers.

Ref.: (i) Board's letter no. 2010/Dev.Cell/IMMI/12 Vol.II dated 26/10/2023.
(ii) CRIS' L. No. 2022/CRIS/NDLS-ITPI/RFID/Tender/RFID/3103/Pt-1 dated 08/11/2023.

Kindly connect the letters referred above w.r.t. subject matter.

In the apex level review meeting, held on 05/01/2024, the progress of RFID Project was reviewed. It has been noticed by Board that even after organising practical on-hand trainings by CRIS, the Portable RFID Readers, distributed among ZRs, are still not being utilized in the field as per potential.

Accordingly, it is again requested to direct all field units to make use of Portable RFID Readers extensively as it is being monitored at Board level.

(Paras Mehendiratta)
JDME(PU&Dev.)
रेलवे बोर्ड /Railway Board

Copy:

- **GM/RFID/CRIS** : For kind inf. with a request to monitor the usage of Portable Readers and report the position to Board on weekly basis.



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All Zonal Railways

Sub.: Use of Portable RFID Readers.

Ref.: (i) Board's letter no. 2010/Dev.Cell/IMMI/12 Vol.II dated 18/04/2023.

(ii) Board's letters no. 2010/Dev.Cell/IMMI/12 Vol.II Part-1 dtd. 03/02/2023
and 03/11/2022.

Kindly connect this office's letters cited above on the subject matter and discussions held during PCME's Conference at New Delhi in August 2023.

Based on the information available, it is understood that almost all of 1125 Portable RFID Readers have been distributed by CRIS to various ZRs. This is in addition to 60 Portable RFID Readers distributed earlier to ZRs and coaching PUs. Further, CRIS has been organizing trainings of staff for reading and writing the RFID tags installed on rolling stock using these portable RFID readers.

Data being recorded/encoded/re-encoded through these portable RFID readers will be used by various already-installed/up-coming wayside inspection devices for vehicle identification and will be integrated with various other existing applications.

In view of the above, it is requested that Wagon Workshops, ROH Depots and Sick lines be directed to make extensive use of these Portable RFID Readers and aggressively pursue the tag reading/writing/re-encoding exercise for wagons using the 11 digit numbering system.

DA: As Above

Signed by

Paras Mehendiratta

Date: 26-10-2023 10:24:09

(Paras Mehendiratta)

JDME (PU&Dev.)

Railway Board

Copy:

- GM(RFID)/CRIS: For kind information, please.



रेलवे सूचना प्रणाली केन्द्र

(रेल मंत्रालय भारत सरकार का संगठन)

CRIS

CENTRE FOR RAILWAY INFORMATION SYSTEMS

No.2022/CRIS/NDLS-ITPI/RFID/TENDER/RFID/3103/PT-1

Date:08.11.2023

The Principal Chief Mechanical Engineers
All Zonal Railways

Sub.: Monitoring of Portable RFID Readers

Ref.: (i) Railway Board's letter No. 2010/Dev.Cell/IMMI/12Vol.II dated 26.10.2023.
(ii) Railway Board's letter No. 2010/Dev.Cell/IMMI/12Vol.II dated 18.04.2023.
(iii) This office letter No.2022/CRIS/NDLS-ITPI/RFID/TENDER/RFID/3103/PT-1
Date:10.10.2023

Monitoring of Rolling Stock through RFID and other digital devices is a futuristic project. This project has achieved following milestones:-

1. 1,93,900 wagons have been fitted with RFID.
2. 21,780 coaches have been fitted with RFID.
3. 1,121 handheld devices (Portable RFID Readers) have been distributed to ZR's as per allotment done by Railway Board vide reference (ii).

For seamless adoption and operation of RFID technology, the training sessions at various locations over Indian Railways have been organized by CRIS for tag reading, data writing on tags, and practical on-hand training with wagons and coaches under reference (iii). It is appreciated that all Zonal Railways Have enthusiastically participated in the above training programme.

As the next stage of technological upgradation, ZR's should encourage regular use of these RFID Readers to capture the data of Rolling Stocks.

The status of current uses of Portable RFID Readers is follow:-

(As on date)

RLY	C R	ECo R	ECR	ER	NC R	NE R	NFR	NR	NWR	SC R	SEC R	SER	SR	SWR	WCR	WR
Unused	70	60	73	83	35	37	53	119	44	84	60	88	73	44	55	94
Used	5	4	6	6	3	4	8	10	4	6	3	6	11	2	4	10
Total issued	75	64	79	89	38	41	61	129	48	90	63	94	84	46	59	104

In view of the above, it is requested that Wagon Workshops, ROH Depots and Sick lines be directed to make extensive use of these Portable RFID Readers and aggressively pursue the tag reading/writing/re-encoding exercise for wagons using the 11 digit numbering system.

In case of any difficulty faced or assistance required, please email crisfid@gmail.com.

(Gyanesh Tripathi)
General Manager/RFID

Copy to: - EDME (Mod.)/ Railway Board for kind information please.

Centre for Railway Information Systems, 8th Floor, ITPI Building, 4-A, Ring Road, I.P. Estate, New Delhi 110002