



भारत सरकार (GOVERNMENT OF INDIA)  
रेल मंत्रालय (MINISTRY OF RAILWAYS)  
रेलवे बोर्ड (RAILWAY BOARD)  
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No.: 2023/Dev.Cell/IMM1/1 (E-3417347)

Dated: 16/01/2023

The Executive Director (Research)  
RDSO, Lucknow – 226 011

**Sub.: Operationalization of Hot Axle Box Hot Wheel Detector System (HAHW)**

There has been a steep rise in the online cases of Hot Boxes in recent months compared to last the financial year.

The issue was discussed in a high-level meeting recently and it was felt that in addition to design upgradation and maintenance interventions for CTRB, attempts at timely detection are also necessary to avoid the consequences of Hot Box cases.

RDSO has recently issued a comprehensive specification of Hot Axle Box Hot Wheel Detector system (HAHW). Since HAHW of such specification has never been tried on Indian Railways, it would require Proof-of-Concept (POC) through detailed and monitored validation trials.

In view of the above, RDSO is advised to closely associate with and monitor the Proof-of-Concept (POC) and validation trials of the first two HAHWs, that shall be procured against their new specifications. A detailed report shall be made by RDSO after the completion of this exercise. Once RDSO's report of validation trials is available to establish a successful prove-out, the subsequent general proliferation of HAHW to RDSO's specification shall be planned as a part of comprehensive condition monitoring and preventive maintenance regime for Rolling Stock in the future.

This issues with the approval of Board [M/TRS]

PARAS  
MEHENDIRATTA

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(Paras Mehendiratta)  
Dy. Director/Dev.  
रेलवे बोर्ड/ Railway Board

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1. PCME/N.Rly :- For Information & necessary action please