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

No. 2016/M(Safety)/7/6/4

रेल भवन, नई दिल्ली- 110001, तिथि
Rail Bhavan, New Delhi-110001, dated 10.08.2017

The Chief Mechanical Engineers
All Indian Railways

Sub: Rolling in examination: Box feeling and measurement of axle box temperature.

The rolling in examination of coaching stock at selected locations enroute, terminals and for freight wagons at enroute locations and examination yards needs to be strengthened. Most of the locations are already using laser/infrared based temperature sensors for measuring the temperature of the axle box/CTRBs.

In order to ensure the effectiveness of this process the following needs to be implemented by railways both for coaching and freight stock:

1) The necessary systems should be set up and implemented so that the record of temperatures measured on all axle boxes/CTRBs is maintained and remains available for inspection whenever need is felt.
2) In all cases use of temperature sensors using infrared/laser should be ensured.
3) In order to ensure that temperature sensor measurements are correctly recorded, the temperature sensors should necessarily have the facility for storing the temperature measurements for at least one rake so that it is possible to automatically download the entire measurement on to PC or hand held device for future record.

Board (MRS) has desired that temperature sensors with storage facility of temperature records are being used already on NCR/ALD Division. All railways need to ensure that the facilities for automatic recording of temperatures measured and its record keeping subsequently are implemented at the earliest.

The above should be implemented latest by December 2017 and a confirmation to this effect sent to this office for information of Board (MRS).

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