

CE Circular No. 132

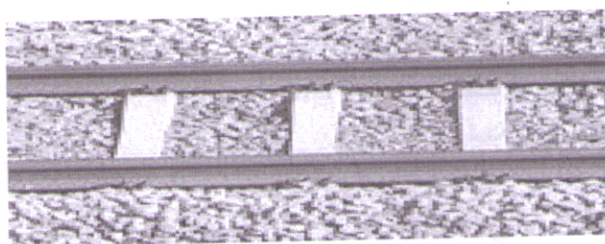
Sub: Rail Temperature Recording by SSE/P-Way.

Ref: LWR manual Paras 2.1 and 2.2.

As per para 2.2 of LWR manual, rail temperature is to be recorded at SSE (P. Way) headquarter. Detailed instructions about method of measurement exist in para 2.1 and 2.2 of LWR manual. Divisions must ensure that this is done in proper manner.

Following method should be followed for this purpose:

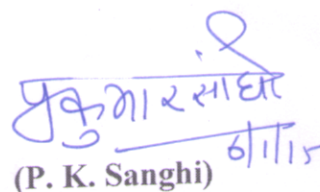
1. For this purpose about 2m of fully ballasted track is to be assembled at SSE (P.Way) HQ (see sketch below). This should not be in shade but in open just like normal track in service.



/-----Approx-2m-----/

2. Rail temperature thermometer for recording the temperature is to be placed on this standard track profile and the measurement are to be done in accordance with the procedure as described in para 2.2.1 of LWR manual as per the type of thermometer used.
3. The thermometer shall be attached on the shady side of the rail.
4. The record of hourly temperature is to be maintained separately in a register. On implementation of Track Management System (TMS), the hourly temperature recorded is to be entered on daily basis on TMS.
5. Continuous rail Thermometer (CRT) should be used. Division should procure Continuous Rail Thermometer as per requirement and till the time these are procured conventional method should be used.
6. Temperature records shall be analyzed to assess the probable availability of time periods during different seasons of the year for track maintenance, de-stressing operations and requirements of hot/cold weather patrolling etc.

(W/432/0/CE circular dated 06.01.15)


(P. K. Sanghi)

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