

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

No. 2017/Sig/3/85th SSC

New Delhi, dated 11.06.2019.


Executive Director/Signal (Co-ord)
RDSO, Manak Nagar
Lucknow

Sub: Item No. 1202 of extended 85th SSC Meeting regarding Low wattage LED signal for Colour Light Signals.

Ref: Minutes of extended 85th SSC issued vide RDSO's letter no. STS/C/85th SSC Meeting/Vol-1 dated 15.02.2018.

Vide letter under reference, Recommendations of item no. 1202 of extended 85th Signal Standards Committee communicated vide RDSO's letters under reference has been considered in Board's Office. Board's views duly approved by competent authority (Member/S&T) are attached as annexure.

DA: As above.


11/06/19
(Arjun Singh Tomar)
निदेशक (सिग्नल)

Extended 85th SSC Item No. 1202 – Low wattage LED signal for Colour Light Signals.

Item No.	Item	SSC recommendation	Railway Board's Remarks
1202	Low wattage LED Signal for Colour light signals	<p>After detailed deliberation committee is of the view:</p> <p>i. Presently only one specification for Main LED signal i.e. RDSO/SPN/199/2010 Version 1.0 has been finalized and same to be continued.</p> <p>ii. Various issues which have come during deliberation should be studied in detail by RDSO. Some more trial may be conducted to study various issues raised during SSC and to comment upon the acceptability of low watt LED signals over IR.</p> <p>iii. RDSO may also explore the various technologies being used for LED signal lighting worldwide.</p> <p>iv. Once RDSO analyzed the various issues raised in SSC, only then FRS/specification should be finalized and EOI may be called for further development of low wattage LED signal.</p>	<p>The issue of using AC or DC lit LED Signals has already been discussed in mar. forums & it has been decided to use only AC lit signals. RDSO to address the issue of providing failsafe immunity for existing 110V AC lit LED signal units.</p>

Arjun Singh Tomar
11/06/19

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