



भारत सरकार Government of India  
रेल मंत्रालय Ministry of Railways  
रेलवे बोर्ड Railway Board

No. 2019/CEDO/SD/IRSOD/O/ACS-27

New Delhi, Dated 13.05.2020

**Addressed to:**

(As per list mentioned below)

**Sub: Addendum & Corrigendum Slip (ACS) No. 29** to the Indian Railways  
Schedule of Dimensions 1676 mm Gauge (BG) Revised, 2004

The Ministry of Railways (Railway Board) have decided that the Item 2 of Chapter II: Station Yards of Schedules I of Indian Railways Schedule of Dimensions 1676 mm Gauge (BG) Revised, 2004 be amended as shown in the enclosed Addendum & Corrigendum Slip (ACS) No. 29.

**Enclosure: ACS No. 29**

*Prem Sagar*  
13/05/2020  
(प्रेम सागर गुप्ता)

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- ED Standards (Track I)/RDSO

**Addendum & Corrigendum Slip (ACS) No. 29**  
**To**  
**Schedule-I, Indian Railways Schedule Of Dimensions (B.G.) Revised, 2004**

**Amendment to Item 2, Chapter II: Station Yards**  
{At Page 10 of IRSOD subsequently revised vide ACS No. 17, 27 & 28}

**Item 2 shall be read as under:**

Maximum (Steepest) gradient in station yards, unless special safety devices are adopted and/or special rules enforced to prevent accidents in accordance with approved special instructions.

- (i) For New Works & Alteration to Existing Works
- (a) Recommended : 1 in 1200 (0.083%)  
(b) Maximum (Steepest) : 1 in 400 (0.25%)
- (ii) For Existing Works : 1 in 400 (0.25%)

**Note:**

- (a) Recommended dimension is generally the good practice, the adoption of which will lead to desirable uniformity on Indian Railways; but it is not to be treated as standards, a departure from which requires sanction.
- (b) In case, it is not possible to provide recommended gradient of 1 in 1200 (0.083%) in yard even after making efforts to provide grades as flat as possible, reasons for deviation from recommended gradient and upto the specified maximum (steepest) gradient of 1 in 400 (0.25%) shall be recorded **on the ESP. However, for new yards in new line projects adoption of yard gradient steeper than 1:1200 will require approval of General Manager before finalization of ESP.**
- (c) No station yard shall be constructed nor shall any siding join a passenger line on a grade steeper than 1 in 100 (1.0%), except where it is unavoidable and then also only with the previous sanction of Railway board, obtained through the Commissioner of Railway Safety, when adequate arrangements are made to prevent accident.
- (d) The powers of condonation for gradient steeper than the specified standard maximum gradient of 1 in 400 (0.25%) shall be as under:

(i)	Existing Yard:	
	Steeper than 1 in 400 (0.25%) and upto 1 in 100 (1.0%)	Commissioner of Railway Safety
	Steeper than 1 in 100 (1.0%)	Railway Board through Chief Commissioner of Railway Safety
(ii)	For New Yard in New Line Projects:	
	Steeper than 1 in 400 (0.25%) and upto 1 in 260 (0.38%)	Commissioner of Railway Safety
	Steeper than 1 in 260 (0.38%)	Railway Board through Chief Commissioner of Railway Safety

- (e) For above purpose, a station yard means –
- (i) On single line to a distance of 50 meters beyond Stock Rail joint of outermost points at either end of the station.
- (ii) On double line where 2 aspect signaling is provided, from Home signal to a distance of 50 meters beyond Stock Rail joint of outermost points at the trailing end, or where there are no loops, to last stop signal of each line.

- (iii) On double line where multiple aspect signaling is provided to a distance of 50 meters beyond Stock Rail Joint of outermost points at either end of the station or where there are no loops, from Block Section Limit Board to last stop signal of each line.
- (f) There must be no change of grades within 30 m of any points or crossings.
- (g) In case of 'New Lines' projects, the above provisions shall also apply to Flag station, Halt station, or class 'C' station (*where there is no station section as defined in IR General Rules, 1976*). This is to keep provision for conversion of Flag, Halt, or class 'C' station into class 'A' or 'B' station in future.
- (h) For other than 'New Lines' projects, the above provisions shall **not** be applicable for Flag station, Halt station, or class 'C' station.

*Prems Sagar*  
*13/05/2020*