

## CE Circular No. 121

### Criteria for providing super elevation on curves for BG track

For providing super elevation on curves, following limiting values of Cant should be followed.

SNo	Parameters	Limiting value of Cant
1	Maximum Cant	165 mm for RE-PNU section, JP-SWM section (Group 'B' route) and 140 mm for all other sections.
2	Maximum cant deficiency	100 mm for RE-PNU, JP-SWM sections (Group 'B' route) for nominated rolling stock i.e. Rajdhani Exp, Shatabdi Exp & Garibrath Exp trains only and 75 mm on remaining sections for other trains.
3	Maximum cant excess	75 mm for all sections
4	Maximum cant gradient	1 in 720 (1 in 360 in exceptional case with the approval of PCE)
5	Rate of change of cant/ cant deficiency	Desirable 35 mm per second and maximum 55 mm per second.
6	Maximum cant deficiency in turnouts	75 mm for all sections.

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