

NOTE

This leaflet is part of a set which also includes :

Leaflet 710 : Slacking of the track gauge on curves.

0 - SCOPE

Powered units complying with the regulations set out below may operate without restriction over the lines of all UIC Railways, insofar as the conditions regarding the slacking of the track gauge on curves comply with UIC Leaflet 710.

1 - RAIL MOTOR VEHICLES

Rail motor vehicles must be able to negotiate curves with a radius $r = 125$ m (1) (2) (3).

2 - LOCOMOTIVES

Locomotives with two 2-axle bogies must be able to negotiate curves with a radius $r = 100$ m (2).

3 - OTHER POWERED UNITS

The running of powered units of other types than those mentioned above must be covered by a prior agreement between the Railways concerned.

- (1) Rail motor vehicles running over the system of the Swiss Federal Railways (CFF) must be able to negotiate 1.455 m track gauge points and crossings with a radius $r = 114$ m over a length of 5.87 m; when this section of track is preceded and followed by two other sections, each with a radius $r = 180$ m and an approximate length of 5 m (the track gauge decreasing from 1.455 to 1.435 m, followed by straight sections (track gauge 1.435 m).
- (2) At the Swiss Federal Railways' stations of LAUSANNE and BRIGUE, powered units must be able to negotiate 1.455 m track gauge points and crossings with a radius of only $r = 96$ m over a distance of 5.4 m; the other conditions remain the same.
- (3) If these rail motor vehicles are conveyed on train ferries, they must be able to negotiate curves of $r = 120$ m radius.

APPLICATION

As from 1 July 1980.

All Railways belonging to the Union.

RECORD REFERENCES

Headings under which the question has been dealt with :

- Running on curves :

a) fixing of the minimum radius for curves which electric or Diesel locomotives or railcars used on international services should be able to negotiate.

b)

(5th-7th Committees : Stuttgart, May, 1960).

- Fixing of the minimum radius for curves which electric or Diesel locomotives or railcars used on international services should be able to negotiate.

(5th-7th Committees : Paris, May, 1961; Portsmouth, May, 1962).

- *Question 5/B/FIC* - Approval of the new version of Leaflet 645.

(Traction and Rolling Stock Committee : Paris, June 1979).

- Examination of comments on the draft leaflet 645.

(Working Party for Diesel Traction : Paris, January 1980).