

3rd edition, April 2004

Translation

O R

Production of electrical power on diesel tractive units for supplying the train cable

Production d'énergie électrique à bord des engins moteurs diesel destinée à l'alimentation de la ligne de train

Elektrische Energieversorgung auf Dieseltriebfahrzeugen für die Versorgung von Wagen über die Zugsammelschiene



UNION INTERNATIONALE DES CHEMINS DE FER
INTERNATIONALER EISENBAHNVERBAND
INTERNATIONAL UNION OF RAILWAYS

Leaflet to be classified in Volumes :

V - Rolling Stock

VI - Traction

Application :

With effect from 1 January 1995 for all diesel tractive units to be designed and for power generating equipment being rebuilt.

It is recommended that existing tractive units be adapted.

All members of the International Union of Railways

Record of updates

2nd edition, January 1995

First issue

3rd edition, April 2004

Retyped in FrameMaker.

Important: the articles (points) in this leaflet have been renumbered in the new edition. The first digit of each point has been increased by one (i.e. 0 becomes 1, 1 becomes 2, and so on). Please take account of this when using cross-references from other leaflets.

The person responsible for this leaflet is named in the UIC Code

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Summary

This leaflet applies to diesel tractive units that haul passenger stock, the electrical power for which is supplied from the train cable, and that is freely used in international traffic. The purpose of this leaflet is to ensure compatibility, as far as the electrical power supply is concerned, between diesel tractive units and coaches. It also applies by analogy to generator vans.

It contains the general requirements with which generating equipment serving the train cable of diesel tractive units shall comply. Railways, however, remain free to determine the design of the technical equipment.

1 - General - Field of application

1.1 - This leaflet applies to diesel tractive units that haul passenger stock, the electrical power for which is supplied from the train cable, and that is freely used in international traffic. The purpose of this leaflet is to ensure compatibility, as far as the electrical power supply is concerned, between diesel tractive units and coaches. It also applies by analogy to generator vans.

1.2 - It contains the general requirements with which generating equipment serving the train cable of diesel tractive units shall comply. Railways, however, remain free to determine the design of the technical equipment.

- **1.3** - As regards the effect the return current may have on signalling installations, the use in international traffic of diesel tractive units supplying the train cable shall be governed by bilateral agreements between the railways concerned.