INTERNATIONAL STANDARD

ISO 18868

First edition
2013-07-01

Commercial road vehicles — Coupling equipment between vehicles in multiple vehicle combinations — Strength requirements

Véhicules routiers utilitaires — Équipement de couplage entre véhicules dans des combinaisons de véhicules multiples — Exigences de résistance

Reference number
ISO 18868:2013(E)

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Published in Switzerland

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Foreword

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The committee responsible for this document is ISO/TC 22, *Road vehicles*, Subcommittee SC 15, *Interchangeability of components of commercial vehicles and buses*.

Introduction

This International Standard specifies general requirements and definitions to secure the safe operation of mechanical couplings between individual vehicles in a multiple-vehicle combination.

The expanded application of multiple-vehicle combinations brings new perspectives and needs into the area of trailer couplings. This has made evident the need for a consolidated method to handle the dimensioning of mechanical couplings applied in multiple-vehicle combinations. This International Standard is meant to facilitate the interaction between International Standards and relevant regulations.

The drivers for the introduction of this International Standard are

— the development of the European modular system making multiple-vehicle combinations (road trains) more of a global application, and

— the lack of rules for the dimensions of couplings used together with converter dolly. Those applications are already very common on the roads today.

The limited number of types of multiple-vehicle combinations addressed in this International Standard is the result of a voting process among the nations. Other types may be added in later editions as experience is gained.