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SPECIFICATION

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Electrically propelled road vehicles — Magnetic field wireless power transfer — Safety and interoperability requirements

*Véhicules routiers électriques — Transmission d'énergie sans fil par
champ magnétique — Exigences de sécurité et d'interopérabilité*



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Foreword

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ISO PAS 19363:2017 was prepared by Technical Committee ISO/TC 22, *Road vehicles*, SC 37, *Electrically propelled vehicles*, in collaboration with IEC/TC 69 *Electric road vehicles and electric industrial trucks*, in accordance with ISO/IEC mode of cooperation 4.

Introduction

This document is an intermediate specification, published prior to the development of a full International Standard. This document prescribes the usage of the wireless power transfer technology to charge electrically propelled road vehicles. Even if the technology itself is well known, the implementation in a vehicle is new and demands to meet the very specific requirements of the automotive industry. The main purpose of this document is to respond to the upcoming market needs starting with determination of basic safety requirements and documentation for the first findings for vehicle usage.

This document will be transformed into an International Standard as soon as consolidated technical experiences are available. When transferring this document into an IS, technical changes are possible to adopt the document to the latest level of knowledge.