

Road vehicles — Test of braking systems on vehicles with a maximum authorized total mass of over 3,5 t using a roller brake tester —

**Part 2: Air over hydraulic and purely
hydraulic braking systems**

ICS 43.040.40

National foreword

This British Standard is the UK implementation of ISO 21069-2:2008.

The UK participation in its preparation was entrusted to Technical Committee AUE/11, Braking systems.

A list of organizations represented on this committee can be obtained on request to its secretary.

This publication does not purport to include all the necessary provisions of a contract. Users are responsible for its correct application.

Compliance with a British Standard cannot confer immunity from legal obligations.

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Road vehicles — Test of braking systems on vehicles with a maximum authorized total mass of over 3,5 t using a roller brake tester —

Part 2:

Air over hydraulic and purely hydraulic braking systems

*Véhicules routiers — Essai des systèmes de freinage des véhicules
ayant une masse totale maximale autorisée supérieure à 3,5 t effectué
sur banc d'essai de freinage à rouleaux —*

*Partie 2: Systèmes de freinage hydropneumatique et purement
hydraulique*



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Contents

Page

Foreword.....	iv
Introduction	v
1 Scope	1
2 Terms and definitions	1
3 Symbols	2
4 Test conditions and evaluations	3
4.1 General.....	3
4.2 Preparation of vehicle and roller brake tester	3
4.3 Calculation and evaluation of test data	3
4.4 Presentation of results	6
Annex A (normative) Technical requirements of roller brake tester	8
Annex B (informative) Periodic inspection of equipment and its documentation	12
Bibliography	14

Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

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The main task of technical committees is to prepare International Standards. Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights.

ISO 21069-2 was prepared by Technical Committee ISO/TC 22, *Road vehicles*, Subcommittee SC 2, *Braking systems and equipment*.

ISO 21069 consists of the following parts, under the general title *Road vehicles — Test of braking systems on vehicles with a maximum authorized total mass of over 3,5 t using a roller brake tester*.

- *Part 1: Pneumatic braking systems*
- *Part 2: Air over hydraulic and purely hydraulic braking systems*

Introduction

At present, UNECE Regulation No. 13 covers only some aspects of the periodic technical inspection of vehicles in use.

In order to fulfil the requirements of UNECE Regulation No. 13, paragraph 5.1.4, this part of ISO 21069 is designed to cover the periodic measurement of braking performance of vehicles in service.

This part of ISO 21069 specifies the test method whereby a roller brake tester is used to measure, evaluate and record the braking efficiency of road vehicles of categories M2, M3, N2, N3, O3 and O4 [as defined in UNECE Consolidated Resolution on the Construction of Vehicles (R.E.3.)] which are equipped with full power air over hydraulic or purely hydraulic braking systems. This part of ISO 21069 is also applicable for electronic braking systems (EBS).

