

BUREAU OF INDIAN STANDARDS

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भारतीय मानक मसौदा

ट्यूब रहित टायर वाल्व और घटक — भाग 2: क्लैप - इन ट्यूब रहित टायर वाल्व — परीक्षण पद्धतियाँ
(पहला पुनरीक्षण)

Draft Indian Standard

**TUBELESS TYRES — VALVES AND COMPONENTS — PART 2: CLAMP-IN TUBELESS TYRE
VALVE-TEST METHOD**
(First Revision)

ICS: 83.160.01

Automotive Tyres, Tubes and Rims Sectional Committee,
TED 7

Last Date for Comments: 22/08/2024

Automotive Tyres, Tubes and Rims Sectional Committee, TED 7

NATIONAL FOREWORD

(Formal clauses will be added later)

ISO 14960 consists of the two parts, under the general title ‘Tubeless tyres — Valves and components’.

- a) Part 1: Test methods
- b) Part 2: Clamp-in tubeless tyre valve-test method

This standard was originally published in 2018 which was identical with ISO 14960-2: 2014 ‘Tubeless Tyres — Valves and Components — Part 2: Clamp-In Tubeless Tyre Valve — Test Method’. This first revision of this standard is being undertaken to align it with the latest version of the ISO 14960-2.

The main changes compared to the previous edition are as follows:

- a) All test methods have been revised;
- b) Terms and definitions have been added (*Clause 3*);
- c) Test fixture and valve hole dimensions Clause has been added (*Clause 4*);
- d) Leakage test method has been added (**5.2**);
- e) Radial force resistance test has been added (**5.6.3**);
- f) Clauses and subclauses have been renumbered as necessary.

The text of ISO standard is proposed for publication as an Indian Standard without deviations. Certain terminologies and conventions are, however, not identical to those used in Indian Standards. Attention is particularly drawn to the following:

- a) Wherever the words ‘International Standard’ appear referring to this standard, they should be read as ‘Indian Standard’.
- b) Comma (,) has been used as a decimal marker while in Indian Standards, the current practice is to use a point (.) as the decimal marker.

In this adopted standard, reference appears to certain International Standards for which Indian Standards also exist. The corresponding Indian Standard, which is to be substituted in their respective places, is listed below along with their degree of equivalence for the editions indicated:

<i>International Standard</i>	<i>Corresponding Indian Standard</i>	<i>Degree of Equivalence</i>
ISO 9227: 2022 Corrosion tests in artificial atmospheres — Salt spray tests	IS 5528:2024 Corrosion Tests in Artificial Atmospheres - Salt Spray Tests	Identical under dual numbering

The technical committee has reviewed the provisions of following International Standards referred in this adopted standard and has decided that they are acceptable for use in conjunction with this draft standard:

<i>International/Other Standards</i>	<i>Title</i>
ISO 9413: 2019	Tyre valves — Dimensions and designation
ISO 3877-2: 1997	Tyres, valves and tubes — List of equivalent terms — Part 2: Tyre valves

Attention is drawn to the possibility that some of the elements of this standard may be the subject of patent rights. The Bureau of Indian Standards shall not be held responsible for identifying any or all such patent rights.

In reporting the result of a test or analysis made in accordance with this standard, if the final value, observed or calculated, is to be rounded off it shall be done in accordance with IS 2: 2022 ‘Rules for rounding off numerical values (*second revision*)’.

SCOPE

This document specifies test methods for clamp-in tubeless tyre valves.

These methods are defined to determine the minimum level of performance requested.

This document applies to the tyre valve assembled on the rim hole with diameter of 11.3 mm for passenger cars or for light duty vehicles.

This document does not include tyre pressure monitoring system (TPMS) valves.

FOR COMPLETE TEXT OF THE DOCUMENT KINDLY REFER ISO 14960-2:2024 or CONTACT:

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