

BUREAU OF INDIAN STANDARDS

DRAFT FOR COMMENTS ONLY

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DRAFT AMENDMENT NO. 1

TO

**IS 15794: 2007 ROAD HAZARD IMPACT TEST FOR WHEEL AND TYRE ASSEMBLIES (PASSENGER CARS,
LIGHT TRUCKS AND MULTIPURPOSE VEHICLES)**

ICS: 43.020; 43.040.50; 83.160.10

Automotive Tyres, Tubes and Rims Sectional Committee, TED 7	Last Date for Comments: 24/August/2024
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TO
IS 15794: 2007 ROAD HAZARD IMPACT TEST FOR WHEEL AND TYRE ASSEMBLIES
(PASSENGER CARS, LIGHT TRUCKS AND MULTIPURPOSE VEHICLES)

(Page 1, Clause 1) — Substitute the following for the existing:

‘This standard specifies the test wheel (light alloy and steel) and tyre assemblies used with passenger cars, light trucks, and multipurpose vehicles. The test is limited to a frontal (radial) impact with both wheel rim flanges being impacted simultaneously.’

(Page 1, Clause 3) — Substitute ‘IMPACT TEST’ for ‘TEST PROCEDURE’.

(Page 2, Clause 4) — Substitute the following title for the existing:

‘4 PERFORMANCE CRITERIA

The wheel is considered to have failed the test if any of the following:

- a) Visible fractures penetrate through a section of the centre member;
- b) Of the wheel assembly;
- c) Centre member separates from the rim;
- d) Tyre loses all air pressure within 1 min;
- e) No permanent deformation for light alloy wheel rim; and
- f) Max 10 mm permanent deformation for steel wheel rim.

The wheel is not considered to have failed the test by fractures in the area of the rim section struck by the face plate of the striker.’

(TED 07)