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**INDUSTRY STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

JJG 1153-2018

**Gauges for Measuring Distance between Inside Rim Faces of
Wheels of Railway Locomotives and Vehicles
(English Translation)**

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Introduction

This regulation is based on JJF1002-2010 "Rules for the preparation of national metrological verification procedures", JJF1001-2011 refer to the provisions of Measurement Terms and Definitions, and JJF1059.1-2012 "Measurement and Expression of Measurement Uncertainty".

TB/T 1362-2017 "Special Measuring Tool for Locomotive Wheelsets" was formulated.

This procedure is the first release.

Railway locomotive vehicle wheel alignment gauge

1 Scope

This procedure is applicable to the first verification and subsequent verification of the distance between the wheelsets of railway locomotives (hereinafter referred to as the inner distance ruler).

And check in use.

2 Overview

The internal distance gauge is a measuring instrument used to measure the distance inside the wheel of a railway locomotive. The measurement range is (1345~).

1365)mm, divided into integral and combined according to the structure, divided into cursor type and digital display according to the reading form (see

Figure 1 and Figure 2).

Figure 1 Schematic diagram of the vernier type internal distance ruler

1-activity rod; 2-limit hook; 3-reading device; 4-fastening screw; 5-foot body; 6-fixed rod

Figure 2 Schematic diagram of the digital display internal distance ruler

1-activity rod; 2-limit hook; 3-reading device; 4-fastening screw; 5-foot body; 6-fixed rod