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

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**Rules for Measuring Center Height of Coupler for Railway
Locomotive and Vehicle
(English Translation)**

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Introduction

This regulation is based on TG/CL110-2011 "Railway Truck Repair Procedures" and TG/CL111-2012 "Railroad Compiled in the relevant requirements of the Regulations for the Repair of Freight Cars.

This procedure is the first release.

Railway locomotive vehicle coupler center height measuring rule verification procedure

1 Scope

This procedure is applicable to the first verification of the center height measuring ruler (hereinafter referred to as the hook height) of the railway locomotive vehicle.

Subsequent verification and in-use inspection. This procedure does not apply to the verification of the centering height measuring device of the close-coupled coupler.

2 Overview

The hook height gauge is a railway that measures the vertical distance from the center line to the rail surface of the locomotive vehicle coupler (except the close-coupled hook) the

special measuring instrument, the structure diagram is shown in Figure 1. The hook height gauge can include the upswing measurement function of the hook head, and the structure the schematic is shown in Figure 2. According to different display modes, it can be divided into ruler class and digital display class.

Figure 1 Schematic diagram of the hook height

1-foot seat; 2-beam; 3-fastening screw; 4-master ruler; 5--crop test plate; 6-cursor ruler

Figure 2 Schematic diagram of the hook height gauge including the measurement function of the upturning amount of the head of the coupler

1-foot seat; 2-beam; 3-fastening screw; 4-master ruler; 5-upper sag ruler; 6-knuckle tester; 7-cursor ruler