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JJG

NATIONAL METROLOGY VERIFICATION REGULATION OF THE PEOPLE'S REPUBLIC OF CHINA

JJG 1171-2019

Concrete Batching Scales

混凝土配料秤检定规程

(English Translation)

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Introduction

The preparation of this regulation is based on the actual situation of my country's concrete batching scale, referring to GB/T 10171-2016 Related technical requirements and OIMLR612004 (E) of "Construction Machinery and Equipment Concrete Mixing Station (Building)" Relevant content of "Automatic Gravity metric weighing instruments" (according to JJF1002-2010 "National Metrology Verification Regulations Writing Rules" rules.

This regulation is issued for the first time.

Verification Regulation of Concrete Batching Scale

1 Scope

This regulation is applicable to the first verification, subsequent verification and in-use inspection of the concrete batching scale in automatic weighing mode.

The concrete batching scale in this specification does not include the batching system of continuous concrete mixing plants (buildings).

2 Reference documents this regulation refers to the following documents.

JJF1181 Terms and Definitions of Weighing Instruments GB/T 10171-2016 Construction machinery and equipment concrete mixing plant (building) OIMLR612004 (E) Gravity automatic filling scale [Automaticgravimetricfilingin-struments] for dated references, only the dated versions are applicable to this Regulation; for those without dates the latest version (including all amendments) is applicable to this regulation.

3 Terms and units of measurement

3.1 Terminology

The terms used in this regulation are consistent with JJF1181, and some terms are cited for ease of use and understanding.

And added special terminology only applicable to this regulation.

3.1.1 Automatic gravity weighing instrument (quantitative automatic weighing instrument) automaticgravimetricfiling instrument(quantitativeautomaticweighinginstrument) the bulk material is divided into pre-determined and practically constant-quality loads, and the loads

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are loaded into the container's automatic weighing instrument.

3.1.2 Concrete batching scales with one or more weighing units to quantify one or more bulk materials (aggregate, powder and liquid) Weighing, forming separate loads with predetermined mass and independent of each other, and outputting and displaying these separate loads and (or) automatic weighing instruments that print these load indications.

Note: The concrete batching system is composed of multiple batching scales, such as a concrete mixing plant.

3.1.3 Weighing unit

In an automatic weighing instrument, a device that provides weighing information for a load.

3.1.4 Loading fil

The combination of one or more separate loads constitutes a predetermined mass.

3.1.5 preset value

In order to specify the nominal value of the charge, it is preset by the operator with the aid of the charge setting device and expressed in mass units Value.

3.1.6 Maximum permissible preset error (MPSE) maximum permissible preset value error

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