



# National Metrological Verification Procedures of the People's Republic of China

JJG 667—2010

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## Liquid Positive Displacement Flowmeter 液体容积式流量计

Issued on September 06, 2010

Implemented on March 06, 2011

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Issued by the State Administration of Quality Supervision, Inspection  
and Quarantine

**Verification Regulation of Liquid  
Positive Displacement Flowmeter**

JJG 667-2010 replace  
JJG 67-1997

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This regulation was approved by the General Administration of Quality Supervision, Inspection and Quarantine of the People's Republic of China on September 06, 2010 and was implemented on March 6, 2011.

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# Verification Regulation of Liquid Positive Displacement Flowmeter

## 1 Scope

This standard applies to type evaluation, initial verification, subsequent verification and in-service inspection of liquid positive displacement flowmeter (hereinafter referred to as flowmeter).

## 2. Cited references

Provisions contained in following standards and regulations become provisions of this Regulation by citing.

GB 3836. 1-2000 Electrical apparatus for explosive gas atmospheres--Part 1:General requirements

GB 3836. 2 - 2000 Electrical apparatus for explosive gas atmospheres--Part 2:Flameproof enclosure d

GB 3836. 3 - 2000 Electrical apparatus for explosive gas atmospheres--Part 3:Increased safety e

GB/T 17288 - 2009 Liquid hydrocarbons - Volumetric measurement by displacement meter systems

GB/T 17612 - 1998 Measurement of liquid flow in closed conduits--Weighing method

JJF 1001-1998 General Terms in Metrology and Their definitions

JJF 1004-2004 Metrological Terms and Their Definitions for Flow Rate

JB/T 9242-1999 General technical specifications for positive displacement flowmeter

JB/T 10564—2006 Basic parameters for flow measuring instruments

OIML R120-1996 Standard capacity measures for testing measuring systems or liquids other than water

For this program, pay attention to currently valid versions of above cited references.

## 3 Terms and definitions

### 3.1 Liquid positive displacement flowmeter

Meter composed of chamber with a known volume and moving parts driven by liquid and

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