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

GB/T 10826.3-2008

Replacing GB/T 10826-1989

Fuel injection equipment -- Vocabulary -- Part 3: Unit injectors

燃油喷射装置 词汇 第3部分：泵喷嘴

(English Translation)

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Table of Contents

- Foreword
- 1 Scope
- 2 Normative references
- 3 Terms and Definitions
- 4 Parts

Foreword

GB/T 10826 "fuel injection means vocabulary" is divided into five parts.

- Part 1. injection pump;
- Part 2. injector;
- Part 3. pump nozzle;
- Part 4. high-pressure tubing and pipe end fittings;
- Part 5. Common rail fuel injection device.

This section is GB/T Part of 310,826.

This part identical with ISO 7876-3:1991/Amd. 1.1993 "fuel injection means Vocabulary - Part 3. pump nozzle" (English Version).

This section is equivalent translation ISO 7876-3:1991/Amd. 1.1993. For ease of use, this section made the following editorial changes.

- "National award criteria" be replaced by "this section";
- Deleted international standards foreword;
- This part of ISO 7876-3:1993 and other international standards adopted, where the country has been adopted as a standard by our standards on behalf of the for relevant international standards; our country has not been adopted as a standard, still direct use of international standards.
- This portion instead of GB/T 10826-1989 for pump nozzle part of the "Diesel Fuel System terms" in the GB/T 10826-Compared to 1989, the main changes are as follows.
- This section is amended as series of standards;
- The original pump nozzle part of a larger technology content modifications.

This part is proposed by China Machinery Industry Federation.

This part of the National Standardization Technical Committee jet fuel centralized system.

1 Scope

GB/T 10826 provisions of this section concerning compression ignition engines (diesel) pump nozzle and parts vocabulary and definitions to Supplementary GB/T 1883 [1] deficiencies.

This section GB/T 10826 in the definition applies only to the pump nozzle; a general definition of other relevant aspects of the injector, visible GB/T 10826.2.

2 Normative references

The following documents contain provisions which, through reference GB/T 10826 in this section constitute provisions of this section. For dated reference documents Member, all subsequent amendments (not including errata content) or revisions do not apply to this section, however, encouraged to reach under this section Parties to research agreement to use the latest versions of these documents. For undated reference documents, the latest versions apply to this section.

GB/T 10826.1-2007 fuel injection means Vocabulary - Part 1. Fuel Pump (ISO 7876-1:1990, IDT) GB/T 10826.2-2008 fuel injection means Vocabulary - Part 2. injectors (ISO 7876-2:1991/Amd.

1.1999, IDT)

3 Terms and Definitions

The single-cylinder pump and injector performance in one set, and it will be quantified by the fuel under high pressure into the combustion chamber assembly.

Note: pump nozzle (3.1) according to the following three main features Category.

- a) Drive mode (energy input);
- b) timing control;
- c) measurement control.

Pump nozzle with these characteristics may be mechanical, hydraulic electric or electronic. To fully describe a pump nozzle (3.1), the need for all of the above features Specifically described.

Example.

With electronic timing and metering control mechanically driven pump nozzle.

4 Parts

The external drive member motion into a linear motion of the plunger member.

In contact with the external drive member, with tappet member (4.1) separate sections.

Tappet member (4.1) located tappet head (4.2) between the plunger part.

GB/T 10826.3-2008/ISO 7876-3:1993