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

GB/T 37262-2018

**Petroleum and natural gas industries -- Aluminium alloy drill
pipe thread connection gauging**

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Table of Contents

- Foreword
- 1 Scope
- 2 Normative references
- 3 terms, definitions and symbols
- 3.1 Terms and definitions

Foreword

This standard was drafted in accordance with the rules given in GB/T 1.1-2009.

This standard uses the translation method equivalent to ISO 27627.2014 "oil and gas industry aluminum alloy drill pipe thread connection measurement".

The documents of our country that have a consistent correspondence with the international documents referenced in this standard are as follows.

---GB/T 20659-2017 Oil and gas industry aluminum alloy drill pipe (ISO 15546.2011, MOD).

1 Scope

This standard specifies the technical conditions, manufacturing process, material requirements, shape and rule of delivery of aluminum alloy drill pipe produced in accordance with ISO 15546.

Inch, inspection and testing procedures.

This standard covers the trapezoidal thread (left-handed and right-handed) manufactured by aluminum alloy drill pipe and steel joints and the associated tapered stabilizing shoulder (with holes).

Measurement procedure.

2 Normative references

The following documents are indispensable for the application of this document. For dated references, only dated versions apply to this article.

Pieces. For undated references, the latest edition (including all amendments) applies to this document.

ISO 15546 oil and gas industry aluminum alloy drill pipe (Petroleum and naturalgas

industry-Aluminiumal-

Loydrilpipe)

3.1 Terms and definitions

The following terms and definitions apply to this document.

3.1.1

Complete gauge completesetofgauges

A standard size smooth gauge and thread gauge are interconnected by metrological features.

3.1.2

Measuring plane gauge

It is perpendicular to the thread axis of the rotary shoulder connector and is used here as a measurement reference.

3.1.3

Proofreading gauge mastergauge

Gauge for calibrating the work gauge.

3.1.4

Pitch pitch

The axial distance between the corresponding points of adjacent threads, the pitch of the single-start thread is equal to the lead.

3.1.5

Smooth plug gauge plainpluggauge

A gauge that controls the inner diameter of the measuring surface reference of the taper thread inside the drill pipe joint or the diameter of the smooth tapered hole.

Note. See reference [1].

3.1.6

Smooth ring gauge plainringgauge

A gauge that controls the outer diameter of the measuring taper taper or the reducer shoulder.