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

GB/T 19830-2023

Replacing GB/T 19830-2017

**Petroleum and natural gas industries - Steel pipes for use as
casing or tubing for wells**

石油天然气工业 油气井套管或油管用钢管

(English Translation)

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A:1 Overview

Foreword

This document complies with the provisions of GB/T 1.1-2020 "Standardization Work Guidelines Part 1: Structure and Drafting Rules of Standardization Documents" Drafting:

This document replaces GB/T 19830-2017 "Steel Pipes for Oil and Gas Well Casings or Oil Pipes in the Petroleum and Natural Gas Industry": With GB/T 19830-Compared with:2017, in addition to structural adjustments and editorial changes, the main technical changes are as follows:

a) The Product Specification Level (PSL) (see 1.1 of the:2017 edition) is deleted and the main requirements are included in the text or as supplementary requirements:

Enter Appendix A;

b) Deleted the steel grade grouping (see 1.2 of the:2017 edition);

c) Delete M65 steel grade, L80 steel grade 9Cr products and related technical requirements (see 1.2 of the:2017 version);

d) Delete the terms and definitions of "control tightening", "inspection batch size", "pup joint material", "steel strip" and "upper critical temperature" (see:2017 Versions 4:1:16, 4:1:23, 4:1:38, 4:1:42, 4:1:47);

e) Deleted abbreviations such as CS, ID, OD, NIST, and PSL (see 4.2 of the:2017 version);

f) Changed the negotiation terms between the purchaser and the manufacturer for the sulfide stress cracking test method for C90 and T95 steel grade casing and C110 steel the sulfide stress cracking test method and test solution for grade casing are optional requirements for the purchaser (see 5.2:2, 5:2:3,:2017 version of 5:2:2 and 5:2:3);

g) The supplementary test when the hydrostatic test pressure is limited to 69:0MPa (10000psi) is a negotiated term between the purchaser and the manufacturer:

(See 5.2:3 and 5:3:3);

h) The purchaser's optional requirements for the sulfide stress cracking test method for C90 and T95 steel grade couplings and the test method for C110 steel grade couplings have