Corrosion-resistant Bolting for Use in the Petroleum and Natural Gas Industries

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Corrosion-resistant Bolting for Use in the Petroleum and Natural Gas Industries

1 Scope

1.1 Purpose

This standard specifies requirements for the qualification, production, and documentation of corrosion-resistant bolting used in the petroleum and natural gas industries.

1.2 Applicability

This standard applies when referenced by an applicable API equipment standard or otherwise specified as a requirement for compliance.

1.3 Bolting Specification Levels

This standard establishes requirements for two bolting specification levels (BSL). These two BSL designations define different levels of technical, quality, and qualification requirements: BSL-2 and BSL-3. The BSLs are numbered in increasing levels of requirements to reflect increasing technical, quality, and qualification criteria. BSL-2 and BSL-3 are intended to be comparable to BSL-2 and BSL-3, as found in API 20E. BSL-1 is omitted from this standard.

2 Normative References

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document applies (including any addenda/errata).

API Q1, *Specification for Quality Management System Requirements for Manufacturing Organizations for the Petroleum and Natural Gas Industry*

API 6A, *Specification for Wellhead and Christmas Tree Equipment*

API Standard 6ACRA, *Age-hardened Nickel-based Alloys for Oil and Gas Drilling and Production Equipment*

API Specification 20B, *Open Die Shaped Forgings for Use in the Petroleum and Natural Gas Industry*

API 20D, *Qualification of Nondestructive Examination Services for Equipment Used in the Petroleum and Natural Gas Industry*

API 20H, *Heat Treatment Services - Batch Type for Equipment Used in the Petroleum and Natural Gas Industry*

API 20J, *Qualification of Distributors of Metallic Materials for Use in the Petroleum and Natural Gas Industries*

API 20N, *Heat Treatment Services—Continuous Furnace for Equipment Used in the Petroleum and Natural Gas Industry*

ASME B1.1, *Unified Inch Screw Threads (UN, UNR, and UNJ Thread Forms)*

ASNT ACCP, *ASNT Central Certification Program*

ASNT SNT-TC-1A, *1 Personnel Qualification and Certification in Nondestructive Testing*