



API Source Inspector Electrical Equipment Exam (SIEE)

Publications Effectivity Sheet: **Effective through October 2024 exams**

API Documents

- **Guide for Source Inspection and Quality Surveillance of Electrical Equipment**
 - *Entire document is subject to testing.*
- **API Recommended Practice 540**, *Electrical Installations in Petroleum Processing Plants*, 4th Edition, April 1999, Reaffirmed August 2013
 - *Only Sections 1, 2 and 8 are subject to testing.*
- **API Standard 541**, *Form-wound Squirrel Cage Induction Motors- 375 kW (500 Horsepower) and Larger*, 5th Edition, December 2014, Reaffirmed May 2021
 - *Entire document is subject to testing with the exception of the annexes.*
- **API Recommended Practice 14F**, *Design, Installation, and Maintenance of Electrical Systems for Fixed and Floating Offshore Petroleum Facilities for Unclassified and Class 1, Division 1 and Division 2 Locations*, 6th Edition, October 2018
 - *Entire document is subject to testing.*
- **API Recommended Practice 14FZ**, *Design, Installation, and Maintenance of Electrical Systems for Fixed and Floating Offshore Petroleum Facilities for Unclassified and Class I, Zone 0, Zone 1, and Zone 2 Locations*, 2nd Edition, Reaffirmed April 2020
 - *Only Sections 1, 3 and 6 are subject to testing.*

Institute of Electrical and Electronics Engineers (IEEE)

- **IEEE 141**, *Recommended Practice for Electric Power Distribution for Industrial Plants*, 1993 Edition, 1993
 - *Only Sections 1 and 10 are subject to testing*
- **IEEE 841**, *Standard for Petroleum and Chemical Industry--Premium-Efficiency, Severe-Duty, Totally Enclosed Squirrel Cage Induction Motors from 0.75 kW to 370 kW (1 hp to 500 hp)*, 2021 Edition, May 2021
 - *Only Sections 1, 5, 6, 8, 9 and 10 and Annex 1 are subject to testing*
- **IEEE C37.20.1a**, *Metal-Enclosed Low-Voltage (1000 V ac and below, 3200 V dc and below) Power Circuit Breaker Switchgear – Amendment 1: Control and Secondary Circuits and Devices, and All Wiring*, 2020 Edition, May 2020
 - *Only Sections 5-7 are subject to testing*



- **ANSI/IEEE C37.20.3**, *Metal-Enclosed Interrupter Switchgear (1 kV–38 kV)*, 2013 Edition, December 2013
 - Only Section 7 is subject to testing.
- **ANSI/IEEE C57.12.00**, *General Requirements for Liquid-Immersed Distribution, Power, and Regulating Transformers*, 2021 Edition, January 2022
 - Only Sections 4-6 and 9 are subject to testing.

National Electrical Manufacturers Association (NEMA)

- **[NEMA ICS 1](#)**, *Industrial Control and Systems: General Requirements*, 2000 Edition, Reaffirmed 2015
 - Sections 1 through 8 and Annex A are subject to testing. All other annexes are excluded.
- **[NEMA ICS 2](#)**, *Controllers, Contactors and Overload Relays Rated 600 V*, 2000 Edition, Reaffirmed 2020
 - Sections 1, 6 8 & 9 are subject to testing.
- **[NEMA ICS 3](#)**, *Medium Voltage Controllers Rated 2,001 to 7,200 V AC*, 2005 Edition, Reaffirmed 2010
 - Entire document is subject to testing.
- **[NEMA ICS 19](#)**, *Diagrams, Device Designations and Symbols*, 2002 Edition, Reaffirmed 2022
 - Entire document is subject to testing.
- **[NEMA MG-1](#)**, *Motors and Generators*, 2021 Edition
 - Only Section 1 (Parts 1 and 7), Section III (Part 20) and Section IV (Part 30) are subject to testing.

International Electrical Testing Association (NETA)

- **[NETA ATS](#)**, *Standard for Acceptance Testing Specifications for Electrical Power Equipment and Systems*, May 2017
 - Only Sections 4, 5 and 7 are subject to testing.

National Fire Protection Association (NFPA)

- **[NFPA 70](#)**, *National Electrical Code*, 2020 Edition
 - Chapters 1 through 4, and Chapter 5, Sections 500-506 are subject to testing.
- **[NFPA 70E](#)**, *Standard for Electrical Safety in the Workplace*, 2021 Edition
 - Only the Introduction and Chapter 1 and Chapter 3, sections 300-340 are subject to testing.

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