Siemens PowerAssure™

https://www.siemens.com/us/en/products/energy/low-voltage.html

PowerAssure™ is a Siemens subscription program that provides a suite of services designed to assist customers in achieving optimal efficiency, safety and reliability of their electrical distribution equipment.

SIEMENS

2023 NFPA 70B – Game Changer

The 2023 edition of NFPA 70B represents a significant shift in how electrical maintenance is approached. Here are the key changes:

1. Previously, NFPA 70B was a "recommended practice," offering guidance on electrical equipment maintenance. The 2023 edition transforms it into a mandatory standard with enforceable requirements.
2. Increased Inspection Frequency - NFPA 70B now mandates inspection of most electrical equipment at least every 12 months.
3. Emphasis on Equipment Condition, Criticality, and Operating Environment
4. New "Equipment Condition Assessment" Chart - The standard includes a new chart (Table 9.2.2) to help users assess the condition of their electrical equipment.
5. Focus on Electrical Maintenance Program (EMP)

In summary, the 2023 NFPA 70B represents a significant step forward in electrical safety. By making maintenance standards mandatory and emphasizing a proactive approach, it aims to reduce risks and improve the reliability of electrical systems.

Siemens PowerAssure assists end users with NFPA 70B compliance and lets them take electrical equipment maintenance concerns off their plate and focus on their core business objectives.

PowerAssure™ Benefits

PowerAssure Tier 1 Subscription

- Factory warranty – covers material and labor cost for warranty issue resolution
- Onsite inspection one (1) year after equipment is energized to assess NFPA 70B Condition 1 compliance
- NFPA 70B compliance assistance
- Remote post sales technical support

PowerAssure Tier 2 Subscription

- Tier 1 subscription coverage
- Data from intelligent communicating devices located in the equipment will be stored on edge server for local data analysis and/or uploaded to Siemens Xcelerator cloud server for remote access. Customer will select data analysis applications that meet their requirements.

PowerAssure Tier 3 Subscription

- Tier 1 subscription coverage
- Tier 2 cloud based subscription coverage
- Siemens technical expert will monitor Cloud based data an provide data analysis, alerting and alerting.

Electrical distribution products covered by PowerAssure:

- Lighting panelboards
- Power panelboards
- Switchboards
- Busway
- Low voltage switchgear
- Low voltage motor control centers
- Safety switches
- Enclosed breakers
- Power Mod™
- Pad mount transformers
- USS transformers
- Medium voltage switchgear
- Medium voltage motor control centers

Optional PowerAssure offerings:

- Start-up and commissioning
- Long term maintenance contracts
- Breaker testing
- Breaker refurbishing
- Equipment modernization support
- Power System Studies
    - Arc flash analysis
    - Breaker coordination
    - Short circuit analysis
- Product training (online or on-site)
- Sm@rt Temp monitoring (local monitoring)
- Advanced power quality monitoring (local monitoring)
- Sm@rt Temp field upgrades
- Sm@rtGear IE field upgrades

Legal Manufacturer

Siemens Industry, Inc.
3617 Parkway Ln
Peachtree Corners, GA 30092
United States of America

Telephone: +1 (800) 333-7421
www.usa.siemens.com
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