

GENERAL:

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1. The scope of this document is to provide requirements for switchboards.
2. For these guidelines, Switchboard design is defined as individually mounted bolt breakers in floor mounted, front or rear accessible enclosures.
3. See section 26 2116 Electrical Service Entrance for guidelines governing design of building low voltage service entrance.
4. The use of draw out breakers shall be switchgear design. See 26 2116 Low Voltage Switchgear.

DESIGN GUIDELINES:

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1. Switchboards shall be designed to provide ease of maintenance and testing without service interruption.
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- 5.6. All power and ground lugs shall be compressed, long barrel double hole, copper type lugs.
- 5.7. Assemblies shall be provided with local instrumentation and control system for automatic and manual operation of the system for monitoring and control during operation.
- 5.8. Assemblies shall be equipped with appropriate devices for local testing, monitoring and lockout tagout.
- 5.9. Each assembly shall include digital metering and local display of voltage, power