



IEEE Guide for Testing Switchgear Rated up to 52 kV for Internal Arcing Faults

Corrigendum 1

IEEE Power and Energy Society

Developed by the
Switchgear Committee

IEEE Std C37.20.7™-2017/Cor 1-2021
(Corrigendum to IEEE Std C37.20.7-2017)

STANDARDS

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Approved 25 March 2021

IEEE SA Standards Board

Abstract: A procedure for testing and evaluating the performance of switchgear for internal arcing faults is covered. A method of identifying the capabilities of this equipment is given. Service conditions, installation, and application of equipment are also discussed. As used in this document, the term switchgear is used as a general term covering switching and interrupting devices and their combination with associated control, instrumentation, metering, protective and regulating devices, assemblies of those devices with associated interconnections, accessories, and supporting structures used primarily in conjunction with the generation, transmission, distribution, and conversion of electrical power.

Keywords: accessibility, arc, arc-resistant, bus, compartment, IEEE C37.20.7, internal arcing fault, medium-voltage controllers, metal-clad switchgear, metal-enclosed bus, metal-enclosed gas insulated switchgear, metal-enclosed interrupter switchgear, metal-enclosed low-voltage power circuit breaker switchgear, metal-enclosed switchgear, motor control centers, overpressure, protection, switchboard

The Institute of Electrical and Electronics Engineers, Inc.
3 Park Avenue, New York, NY 10016-5997, USA

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PDF: ISBN 978-1-5044-7499-3 STD24658

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