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C37.35-1976
(Reaffirmed 1981)**

An American National Standard

**IEEE Guide for the Application,
Installation, Operation, and Maintenance of
High-Voltage Air Disconnecting and
Load Interrupter Switches**

Sponsor

**Switchgear Committee of the
IEEE Power Engineering Society**

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Foreword

(This foreword is not a part of American National Standard Guide for the Application, Installation, Operation, and Maintenance of High-Voltage Air Disconnecting and Load Interrupter Switches, C37.35-1976 (IEEE Std 578-1976).)

This guide is a result of updating and combining the information contained in ANSI C37.35-1962 (R1969), Guide for the Operation and Maintenance of High-Voltage Air Disconnecting and Load Interrupter Switches and NEMA Publication SG6 (1974) Part 35, Guide for the Installation, Operation and Maintenance of Power Switching Equipment.

High-voltage air disconnecting and load interrupter switches are assigned certain ratings by the manufacturer and standard tests are conducted to assure the user that the switch, when new, will perform within the ratings shown on the nameplate. It should be recognized that the switch in service will perform within these ratings only if properly applied, installed, operated, and maintained. It cannot be stressed too strongly that proper codes, including Occupational Safety and Health Administration regulations, should be adhered to at all times when performing such functions as are detailed in this guide or recommended by the switch manufacturer. This includes adherence to proper clearances for both equipment and personnel.

This guide assumes that properly designed and maintained supporting structures are provided for the disconnecting equipment, taking into account such factors as location, soil conditions, wind and ice loadings, seismic considerations and mechanical loads, including electromagnetic forces, imposed by the switches, busses or other equipment mounted thereon. It also assumes that the manufacturer has properly marked all switch components and provided necessary information to assure proper assembly in the field.

Suggestions for improvement of this guide will be welcome. They should be sent to American National Standard Institute, 1430 Broadway, New York, NY 10018.

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