

AS IEC 62475:2019  
IEC 62475:2010

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# **High-current test techniques— Definitions and requirements for test currents and measuring systems**



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The following are represented on Committee EL-007:

- Australian Industry Group
- Energy Network Australia (Testing Interest Australia)
- Energy Networks Australia
- Engineers Australia
- University of New South Wales

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## Preface

This Standard was prepared by the Standards Australia Committee EL-007, Power Switchgear.

The objective of this Standard is applicable to high-current testing and measurements on both high-voltage and low-voltage equipment. It deals with steady-state and short-time direct current (as e.g. encountered in high-power d.c. testing), steady-state and short-time alternating current (as e.g. encountered in high-power a.c. testing), and impulse-current. In general, currents above 100 A are considered in this International Standard, although currents less than this can occur in tests. This Standard also covers fault detection during, for example, lightning impulse testing.

This Standard is identical with, and has been reproduced from, IEC 62475:2010, *High-current test techniques – Definitions and requirements for test currents and measuring systems*.

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