

Australian/New Zealand Standard™

Power transformers

Part 3: Insulation levels, dielectric tests and external clearances in air (IEC 60076-3, Ed. 2 (2000) MOD)



AS/NZS 60076.3:2008

This Joint Australian/New Zealand Standard was prepared by Joint Technical Committee EL-008, Power Transformers. It was approved on behalf of the Council of Standards Australia on 26 February 2008 and on behalf of the Council of Standards New Zealand on 17 March 2008.
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PREFACE

This Standard was prepared by the Standards Australia/Standards New Zealand Committee EL-008, Power Transformers to supersede AS 2374.3.0—1982 and AS 2374.3.1—1992 six months after publication.

The objective of this Standard is to provide designers, suppliers, purchasers and users of oil-immersed power transformers with requirements for insulation levels, dielectric tests and minimum external clearances in air between live parts of bushings and to objects at earth potential.

This Standard is an adoption, with national modifications, and has been reproduced from IEC 60076-3, Ed.2 (2000) (including Corr 1:2000), *Power transformers—Part 3: Insulation levels, dielectric tests and external clearances in air*, and has been varied as indicated to take account of Australian and New Zealand conditions.

Variations to IEC 60076-3:2000 are indicated at the appropriate places throughout this Standard. Strikethrough (~~example~~) identifies IEC text, tables and figures which, for the purposes of this Australian/New Zealand Standard, are deleted. Where text, tables or figures are added, each is set in its proper place and identified by shading (example). Added figures are not themselves shaded, but are identified by a shaded border.

IEC 60076-3:2000 includes both European and North American practices. It is the tradition in Australia to follow European practice. Table 3 and Table 6 have been deleted as they indicate North American practices. References to these tables should be ignored.

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CONTENTS

	<i>Page</i>
Introduction	v
1 Scope	1
2 Normative references	1
3 Definitions	2
4 General	3
5 Highest voltage for equipment and insulation level	4
6 Rules for some particular transformers	6
7 Insulation requirements and dielectric tests – Basic rules	6
7.1 General	7
7.2 Insulation requirements	8
7.3 Dielectric tests	10
7.4 Insulation requirements and tests for the neutral terminal of a winding	14
8 Tests on a transformer having a tapped winding	15
9 Repeated dielectric tests	15
10 Insulation of auxiliary wiring	15
11 Separate source AC withstand voltage test	16
12 Induced AC voltage tests (ACSD, ACLD)	16
12.1 General	16
12.2 Short-duration induced AC withstand voltage test (ACSD) for transformers with uniformly insulated high-voltage windings	17
12.3 Short-duration AC withstand voltage test (ACSD) for transformers with non-uniformly insulated high-voltage windings	19
12.4 Long-duration induced AC voltage test (ACLD) with non-uniformly and/or uniformly insulated high-voltage windings, according to table 1	21
13 Lightning impulse (LI) test	24
13.1 General	24
13.2 Test sequence	25
13.3 Test connections	25
13.4 Records of test	26
13.5 Test criteria	27
14 Test with lightning impulse chopped on the tail (LIC)	27
14.1 General	27
14.2 Chopping gap and characteristics of the chopping	27
14.3 Test sequence and test criteria	28
15 Switching impulse test (SI)	28
15.1 General	28
15.2 Test sequence and records	29
15.3 Test connections	29
15.4 Test criteria	29
16 External clearances in air	29
16.1 General	29
16.2 Bushing clearance requirements as determined by transformer insulation withstand voltages	30

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