



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

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ELECTRICAL

Valid To: November 30, 2020

Certificate Number: 5082.01

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following product safety tests:

Test Description:

Test Method(s):

Product Safety

Information Technology Equipment

AS/NZS 60950.1, IEC 60950-1, EN 60950-1
(excluding clauses 4.2.8, 4.3.13, Annex A1, A3 and Y);
AS/NZS 60065 (AS/NZS National variations only);
AS/NZS 62368.1, IEC 62368-1, EN 62368-1
(excluding clause 8.5.5, 10, G.5.2, G.15, M.8, S.5 and
Annexes C, J, R and U)

*Household and similar electrical appliances -
Safety*

AS/NZS 60335.1, IEC 60335-1, EN 60335-1
(Except clause 19.11.4 EMC Immunity);
AS/NZS 60335.2.2 (AS/NZS National variations only);
AS/NZS 60335.2.4 (AS/NZS National variations only);
AS/NZS 60335.2.5 (AS/NZS National variations only);
AS/NZS 60335.2.6 (AS/NZS National variations only);
AS/NZS 60335.2.7 (AS/NZS National variations only);
AS/NZS 60335.2.8 (AS/NZS National variations only);
AS/NZS 60335.2.9 (AS/NZS National variations only);
AS/NZS 60335.2.10 (AS/NZS National variations only);
AS/NZS 60335.2.11 (AS/NZS National variations only);
AS/NZS 60335.2.12 (AS/NZS National variations only);
AS/NZS 60335.2.13 (AS/NZS National variations only);
AS/NZS 60335.2.14 (AS/NZS National variations only);
AS/NZS 60335.2.15 (AS/NZS National variations only);
AS/NZS 60335.2.16 (AS/NZS National variations only);
AS/NZS 60335.2.17 (AS/NZS National variations only);
AS/NZS 60335.2.21 (AS/NZS National variations only);
AS/NZS 60335.2.23 (AS/NZS National variations only);
AS/NZS 60335.2.24 (AS/NZS National variations only);
AS/NZS 60335.2.25 (AS/NZS National variations only);

Test Description:

Household and similar electrical appliances – Safety (cont'd)

Test Method(s):

AS/NZS 60335.2.26, IEC 60335-2-26, EN 60335-2-26;
AS/NZS 60335.2.27 (AS/NZS National variations only);
AS/NZS 60335.2.28, IEC 60335-2-28, EN 60335-2-28;
AS/NZS 60335.2.29, IEC 60335-2-29, EN 60335-2-29
(excluding vibration test);
AS/NZS 60335.2.30, IEC 60335-2-30, EN 60335-2-30;
AS/NZS 60335.2.31 (AS/NZS National variations only);
AS/NZS 60335.2.32 (AS/NZS National variations only);
AS/NZS 60335.2.34 (AS/NZS National variations only);
AS/NZS 60335.2.35 (AS/NZS National variations only);
AS/NZS 60335.2.40 (AS/NZS National variations only);
AS/NZS 60335.2.41 (AS/NZS National variations only);
AS/NZS 60335.2.43, IEC 60335-2-43, EN 60335-2-43;
AS/NZS 60335.2.44 (AS/NZS National variations only);
AS/NZS 60335.2.45, IEC 60335-2-45, EN 60335-2-45;
AS/NZS 60335.2.51 (AS/NZS National variations only);
AS/NZS 60335.2.52 (AS/NZS National variations only);
AS/NZS 60335.2.53 (AS/NZS National variations only);
AS/NZS 60335.2.54 (AS/NZS National variations only);
AS/NZS 60335.2.55 (AS/NZS National variations only);
AS/NZS 60335.2.56, IEC 60335-2-56, EN 60335-2-56;
AS/NZS 60335.2.59, IEC 60335-2-59, EN 60335-2-59;
AS/NZS 60335.2.60 (AS/NZS National variations only);
AS/NZS 60335.2.61 (AS/NZS National variations only);
AS/NZS 60335.2.63 (AS/NZS National variations only);
AS/NZS 60335.2.65 (AS/NZS National variations only);
AS/NZS 60335.2.66 (AS/NZS National variations only);
AS/NZS 60335.2.67 (AS/NZS National variations only);
AS/NZS 60335.2.68 (AS/NZS National variations only);
AS/NZS 60335.2.69 (AS/NZS National variations only);
AS/NZS 60335.2.70 (AS/NZS National variations only);
AS/NZS 60335.2.71 (AS/NZS National variations only);
AS/NZS 60335.2.72 (AS/NZS National variations only);
AS/NZS 60335.2.73, IEC 60335-2-73, EN 60335-2-73;
AS/NZS 60335.2.74, IEC 60335-2-74, EN 60335-2-74;
AS/NZS 60335.2.75, IEC 60335-2-75, EN 60335-2-75
(excluding Annex AA);
AS/NZS 60335.2.77 (AS/NZS National variations only);
AS/NZS 60335.2.78 (AS/NZS National variations only);
AS/NZS 60335.2.79 (AS/NZS National variations only);
AS/NZS 60335.2.80, IEC 60335-2-80, EN 60335-2-80;
AS/NZS 60335.2.81 (AS/NZS National variations only);
AS/NZS 60335.2.82, IEC 60335-2-82, EN 60335-2-82;
AS/NZS 60335.2.83 (AS/NZS National variations only);
AS/NZS 60335.2.84 (AS/NZS National variations only);
AS/NZS 60335.2.85, IEC 60335-2-85, EN 60335-2-85;
AS/NZS 60335.2.86 (AS/NZS National variations only);



Test Description:

Test Method(s):

Safety of power transformers, power supplies, reactors and similar products

AS/NZS 61558.1, IEC 61558-1, EN 61558-1;
AS/NZS 61558.2.4, IEC 61558-2-4, EN 61558-2-4;
AS/NZS 61558.2.5, IEC 61558-2-5, EN 61558-2-5;
AS/NZS 61558.2.6, IEC 61558-2-6, EN 61558-2-6;
AS/NZS 61558.2.7, IEC 61558-2-7, EN 61558-2-7;
AS/NZS 61558.2.16, IEC 61558-2-16, EN 61558-2-16

Safety requirements for electrical equipment for measurement, control, and laboratory use

AS/NZS 61010.1, IEC 61010-1, EN 61010-1
(excluding clause 12 and 13.2.3);
AS/NZS 61010.2.010, IEC 61010-2-010, EN 61010-2-010;
AS/NZS 61010.2.020, IEC 61010-2-020, EN 61010-2-020;
AS/NZS 61010.2.051, IEC 61010-2-051, EN 61010-2-051;
AS/NZS 61010.2.081, IEC 61010-2-081, EN 61010-2-081;
AS/NZS 61010.2.101, IEC 61010-2-101, EN 61010-2-101;
AS/NZS 61010.2.201, IEC 61010-2-201, EN 61010-2-201

Lighting Products

AS/NZS 60598.1, IEC 60598-1, EN 60598-1;
AS/NZS 60598.2.1, IEC 60598-2-1, EN 60598-2-1;
AS/NZS 60598.2.2, IEC 60598-2-2, EN 60598-2-2;
AS/NZS 60598.2.3, IEC 60598-2-3, EN 60598-2-3
(excluding Cl 3.6.5: Glass test);
AS/NZS 60598.2.4, IEC 60598-2-4, EN 60598-2-4;
AS/NZS 60598.2.5, IEC 60598-2-5, EN 60598-2-5;
AS/NZS 60598.2.6, IEC 60598-2-6, EN 60598-2-6;
AS/NZS 60598.2.7, IEC 60598-2-7, EN 60598-2-7;
AS/NZS 60598.2.8, IEC 60598-2-8, EN 60598-2-8;
AS/NZS 60598.2.10, IEC 60598-2-10, EN 60598-2-10;
AS/NZS 60598.2.20, IEC 60598-2-20, EN 60598-2-20

Lamp control gear

AS/NZS 61347.1, IEC 61347-1, EN 61347-1;
AS/NZS 61347.2.2, IEC 61347-2-2, EN 61347-2-2;
AS/NZS 61347.2.3, IEC 61347-2-3, EN 61347-2-3;
AS/NZS 61347.2.8, IEC 61347-2-8, EN 61347-2-8;
AS/NZS 61347.2.11, IEC 61347-2-11, EN 61347-2-11;
AS/NZS 61347.2.13, IEC 61347-2-13, EN 61347-2-13

General requirements for electrical equipment

AS/NZS 3100;
AS/NZS 3121;
AS/NZS 3136

Test Description:

Test Method(s):

Hand-held motor-operated electric tools

AS/NZS 60745.1 (AS/NZS National variations only);
AS/NZS 60745.2.1 (AS/NZS National variations only);
AS/NZS 60745.2.2 (AS/NZS National variations only);
AS/NZS 60745.2.3 (AS/NZS National variations only);
AS/NZS 60745.2.4 (AS/NZS National variations only);
AS/NZS 60745.2.5 (AS/NZS National variations only);
AS/NZS 60745.2.6 (AS/NZS National variations only);
AS/NZS 60745.2.8 (AS/NZS National variations only);
AS/NZS 60745.2.11 (AS/NZS National variations only);
AS/NZS 60745.2.13 (AS/NZS National variations only);
AS/NZS 60745.2.14 (AS/NZS National variations only);
AS/NZS 60745.2.15 (AS/NZS National variations only);
AS/NZS 60745.2.16 (AS/NZS National variations only);
AS/NZS 60745.2.22 (AS/NZS National variations only)

Electrical Relays

IEC 60255-27, EN 60255-27

Switches for household and similar fixed electrical installations

IEC 60669-1, EN 60669-1, AS/NZS 60669.1;
IEC 60669-2-1, EN 60669-2-1, AS/NZS 60669.2.1

Environmental-Climatic

IEC/EN 50155 (Clause 12.2.3; 12.2.4, 12.2.5, 12.2.12, 12.2.13, 12.2.14 only);
MIL-STD-810D (Clause 501.2, 502.2, 503.2, 507.2 only);
MIL-STD-810G (Clause 501.5, 502.5, 503.5, 507.5);
MIL-STD-202H (Clause 103, 107)

Fire Hazard Testing

IEC 60695-1-1, EN 60695-1-1, AS/NZS 60695.1.1;
IEC 60695-2-10, EN 60695-2-10, AS/NZS 60695.2.10;
IEC 60695-2-11, EN 60695-2-11, AS/NZS 60695.2.11;
IEC 60695-2-12, EN 60695-2-12, AS/NZS 60695.2.12;
IEC 60695-2-13, EN 60695-2-13, AS/NZS 60695.2.13;
IEC 60695-10-2, EN 60695-10-2, AS/NZS 60695.10.2;
IEC 60695-11-5, EN 60695-11-5, AS/NZS 60695.11.5

Proof and Comparative Tracking Index

IEC 60112, EN 60112, AS/NZS 60112;

Ingress Protection (IP) Test

IEC 60529, EN 60529, AS 60529



Accredited Laboratory

A2LA has accredited

EMC TECHNOLOGIES PTY. LTD.

Melbourne, Australia

for technical competence in the field of

Electrical Testing

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017 *General requirements for the competence of testing and calibration laboratories*. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (refer to joint ISO-ILAC-IAF Communiqué dated April 2017).



Presented this 6th day of November 2018.

A handwritten signature in black ink, written over a horizontal line.

President and CEO
For the Accreditation Council
Certificate Number 5082.01
Valid to November 30, 2020

For the tests to which this accreditation applies, please refer to the laboratory's Electrical Scope of Accreditation.