



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

EMC TECHNOLOGIES PTY. LTD.

176 Harrick Road, Keilor Park

Victoria-3042

Melbourne, AUSTRALIA

Rafeeque Mohamed Phone: +61 3 9365 1000; Fax: +61 3 9331 7455

Email: rafeeque@emctech.com.au; Website: www.emctech.com.au

ELECTRICAL

Valid To: November 30, 2022

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)¹:

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
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, IEC 60335-2-5, EN 60335-2-5;
AS/NZS 60335.2.6, IEC 60335-2-6, EN 60335-2-6;
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, IEC 60335-2-9, EN 6.3-2-9;
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, IEC 60335-2-14, EN 60335-2-14;
AS/NZS 60335.2.15, IEC 6.335-2-15, EN 60335-2-15;
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, IEC 60335-2-21, EN 60335-2-21;
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);

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Test Description:

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

Test Method(s)¹:

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;
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, IEC 60335-2-41, EN 60335-2-41;
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, IEC 60335-2-60, EN 60335-2-60;
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, IEC 60335-2-69, EN 6.335-2-69;
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);
AS/NZS 60335.2.90 (AS/NZS National variations only);
AS/NZS 60335.2.95 (AS/NZS National variations only);
AS/NZS 60335.2.96 (AS/NZS National variations only);



Test Description:

Test Method(s)¹:

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

AS/NZS 60335.2.97 (AS/NZS National variations only);
AS/NZS 60335.2.98, IEC 60335-2-98, EN 60335-2-98;
AS/NZS 60335.2.100 (AS/NZS National variations only);
AS/NZS 60335.2.101, IEC 60335-2-101, EN 60335-2-101;
AS/NZS 60335.2.102 (AS/NZS National variations only);
AS/NZS 60335.2.103 (AS/NZS National variations only);
AS/NZS 60335.2.106 (AS/NZS National variations only)

*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 (other than 12.4 up to
45 GHz) and 13.2.3);
IEC 61010-2-010, EN 61010-2-010;
IEC 61010-2-020, EN 61010-2-020;
IEC 61010-2-30, EN 61010-2-30;
IEC 61010-2-40, EN 61010-2-40;
IEC 61010-2-051, EN 61010-2-051;
IEC 61010-2-081, EN 61010-2-081;
IEC 61010-2-101, EN 61010-2-101;
IEC 61010-2-201, EN 61010-2-201;

Medical Electrical Equipment

AS/NZS 60601.1, IEC 60601-1, EN 60601-1

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
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

Test Description:

Test Method(s)¹:

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
AS/NZS 3105 (excluding testing for AS/NZS 3112);
AS/NZS 4601;
MIL -STD-202H (Test method 301,302,303,304,305,306,307,308 and 309);
IEC/EN 50155 (Table 12, Test 1,2,3,4);
AS4428.6 (Clause 17.9)

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

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;

Test Description:

Test Method(s)¹:

Ingress Protection (IP) Test

IEC 60529, EN 60529, AS 60529;
IEC/EN 50155 (Table 12, Test 10);
IEC/EN 60945 (Clause 8.8)

*Degree of protection provided by enclosure
(IK) test*

IEC 62262, EN 62262;
IEC 60068-2-75, EN 60068-2-75;
AS4428.6 (Clause 17.6)

¹ When the date, edition, version, etc. is not identified in the scope of accreditation, laboratories may use the version that immediately precedes the current version for a period of one year from the date of publication of the standard measurement method, per part C., Section 1 of A2LA *R101 - General Requirements-Accreditation of ISO-IEC 17025 Laboratories*.





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 11th day of December 2020.

A blue ink signature of the Vice President of Accreditation Services.

Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 5082.01
Valid to November 30, 2022

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