



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

ARTESYN PRODUCT TESTING SERVICES
2900 South Diablo Way, Suite 190
Tempe, AZ 85282
Tom Tuttle Phone: 602 659 7869
Email: tom.tuttle@artesyn.com

ELECTRICAL (EMC)

Valid to: February 28, 2021

Certificate Number: 2716.01

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

Test Technology:

Test Method(s):

Emissions

Radiated and Conducted

CFR 47, FCC Part 15B (using ANSI C63.4:2014);
IEC CISPR 32, EN 55032 (*excluding equipment within the scope of CISPR 13*);
CISPR 11 (2010 [Ed. 5.1], 2015 [Ed.6]); CISPR 11;
CISPR 22 (1997+A1:2000+A2:2002, 2003 [Ed. 4], 2005 [Ed. 5] +A1:2005, 2008 [Ed. 6]); CISPR 22;
EN 55022 (1998+A1:2000+A2:2003, 2006+A1:2007, 2010);
EN 55022;
ICES-003, Issue 6;
AS/NZS 3548 (1995);
AS/NZS CISPR 22 (2003, 2006, 2009+A1:2010);
AS/NZS CISPR 22;
VCCI V-3 (*up to 6 GHz*); KN 22 (*testing above 1 GHz*);
KN 32 (*excluding equipment under the scope of CISPR 13*)

Harmonic Current Emissions
and Flicker

IEC 61000-3-2 (2000+A1:2001+A2:2004, 2005+A1:2008+A2:2009); IEC 61000-3-2;
EN 61000-3-2 (2000+A1:2001+A2:2004, 2006 [Ed. 2] +A1:2009+A2:2009); EN 61000-3-2;
AS/NZS 61000.3.2;
IEC 61000-3-3 (1994+A1:2001+A2:2005, 2008); IEC 61000-3-3;
EN 61000-3-3 (1995+A1:1998+A2:2005, 2008); EN 61000-3-3;
AS/NZS 61000.3.3

Generic Emissions Standards

EN 61000-6-3 (2001, 2006); EN 61000-6-3;
EN 61000-6-4 (2001, 2007); EN 61000-6-4

Test Technology:**Test Method(s):*****Immunity***

Electrostatic Discharge (ESD)	IEC 61000-4-2 (1995+A1:1998+A2:2000, 2008); IEC 61000-4-2; EN 61000-4-2 (1995+A1:1998+A2:2001, 2009); EN 61000-4-2; AS/NZS 61000.4.2; KN 61000-4-2
Radiated Immunity	IEC 61000-4-3 (2002+A1:2002, 2006+A1:2007+A2:2010); IEC 61000-4-3; EN 61000-4-3 (2002+A1:2002, 2006+A1:2008+A2:2010); EN 61000-4-3; AS/NZS 61000.4.3; KN 61000-4-3
Electrical Fast Transient / Burst	IEC 61000-4-4 (1995+A1:2000+A2:2001, 2004+A1:2010); IEC 61000-4-4; EN 61000-4-4 (1995+A1:2001+A2:2002, 2004+A1:2010); EN 61000-4-4; KN 61000-4-4
Surge Immunity	IEC 61000-4-5 (2001, 2005); IEC 61000-4-5; EN 61000-4-5 (1995+A1:2001, 2006); EN 61000-4-5; AS/NZS 61000.4.5; KN 61000-4-5
Conducted Immunity	IEC 61000-4-6 (1996+A1:2000, 2003+A1:2004+A2:2006, 2008); IEC 61000-4-6; EN 61000-4-6 (1996, 2007, 2009); EN 61000-4-6; KN 61000-4-6
Magnetic Fields Immunity	IEC 61000-4-8 (2001, 2009); IEC 61000-4-8; EN 61000-4-8 (1993+A1:2001, 2010); EN 61000-4-8; AS/NZS 61000.4.8; KN 61000-4-8
Voltage Dip and Interrupt	IEC 61000-4-11 (1994+A1:2000, 2004); IEC 61000-4-11; EN 61000-4-11 (1994, 2004); EN 61000-4-11; KN 61000-4-11
Generic or Product Specific Immunity Standards	EN 61000-6-1 (2001, 2007); EN 61000-6-1; EN 61000-6-2 (2001, 2005); EN 61000-6-2; EN 55024 (1998+A1:2001+A2:2003, 2010); EN 55024; EN 61326-1; CISPR 24 (1997+A1:2001+A2:2002, 2010); CISPR 24; AS/NZS CISPR 24; AS/NZS 61000.6.2; CISPR 35 (2016 [Ed 1.0]); ETSI EN 300 386 v1.3.2 (2003), v1.3.3 (2005), v1.6.1 (2012); EN 55016-1-1; EN 55016-1-2; EN 55016-1-4; EN 55016-4-2; CISPR 16-1-1; CISPR 16-1-2; CISPR 16-1-4; KN 24; KN 35

On the following products or types of products:

Light Industrial, Commercial, Residential, Heavy Industrial, Information Technology Equipment,
Telecom and other Electrical and Electronic Equipment



Accredited Laboratory

A2LA has accredited

ARTESYN PRODUCT TESTING SERVICES

Tempe, AZ

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 26th day of March 2019.

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

Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 2716.01
Valid to February 28, 2021

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