Scope of Accreditation

（Measurement Method）

Accreditation Number: VLAC-050
Expiration Date: January 31, 2026

〔Name of Laboratory〕

FANUC Corporation.

〔Test site name〕

FANUC EMC Center

〔Test site Address〕

3580 Shibokusa, Oshino-Mura, Minamituru-Gun,
Yamanashi Pref., Japan 401-0597

〔Measurement Method〕

Emission test

Radiated disturbance: Enclosure Port

Disturbance electric field test

[Test condition] On the reference ground plane, Measurement distance: 3 m / 10 m
Measurement Frequency Range: 30 MH – 1 GHz

[Test condition] Quasi Free Space,
Measurement Frequency Range: 1 GHz – 6 GHz

Disturbance magnetic field strength measurement

[Test condition] Loop Antenna, Measurement Frequency Range: 9 kHz – 30 MHz

Conducted disturbance Measurement: AC mains port

Voltage Measurement [Test condition] AMN

Conducted disturbance Measurement: Telecommunication port

Voltage Measurement [Test condition] AAN

Immunity test

Electro static discharge test	Contact discharge, Air discharge, Indirect discharge
Radiated electromagnetic field strength	Measurement Frequency range: 80 MHz – 6 GHz
Electrical fast transient/burst (EFT/B)	Mains port, Telecommunication / Signal port
Surge	Mains port, Telecommunication / Signal port
RF conducted interference	Mains port measurement frequency range: 150 kHz – 230 MHz Telecommunication / Signal port measurement frequency range: 150 kHz – 230 MHz
Test for immunity to conducted, common mode disturbances in the frequency range: DC – 150 kHz	
Radiated magnetic field	
Interruptions and Voltage variations	
Low frequency Immunity test	Mains Harmonics and Interharmonics: DC – 9 kHz

Harmonic current

Harmonic current test

Voltage changes, Voltage fluctuations and Flicker test

Voluntary EMC Laboratory Accreditation Center Inc.

Scope of Accreditation

（Test standards）

Accreditation Number: VLAC-050

Expiration Date: January 31, 2026

〔Name of Laboratory〕

FANUC Corporation.

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〔Test Standards〕

Emission test

CISPR 11:2015+A1:2016+A2:2019, EN 55011:2016+A1:2017+A11:2020+A2:2021
CISPR 32:2015+A1:2019[*1], EN 55032:2015+A1:2020[*1]
IEC 61000-6-3:2020, IEC 61000-6-4:2018, IEC 61000-6-8:2020
EN IEC 61000-6-3:2021, EN IEC 61000-6-4:2019, EN IEC 61000-6-3:2020
IEC 61800-3:2017, EN IEC 61800-3:2018, EN 50370-1:2005
[*1] Telecom port CE only

The following groups of test standards are included in Emission tests, Immunity tests and Harmonic Test in Public Low Voltage Systems. [Note.1]

IEC 61326-1:2020, IEC 61326-2-1:2020 /-2-2:2020 /-2-3:2020 /-2-5:2020
EN IEC 61326-1:2021, EN IEC 61326-2-1:2021 /-2-2:2021 /-2-3:2021 /-2-5:2021

Immunity test **[Including the test standards listed in Note 1.]**

IEC 61000-2-4:2002, EN 61000-2-4:2002
EN 61000-4-13:2002+A1:2009+A2:2016[*2], IEC 61000-4-16:2015, EN 61000-4-16:2016
IEC 61000-6-1:2016, IEC 61000-6-2:2016
EN IEC 61000-6-1:2019, EN IEC 61000-6-2:2019, EN 61000-6-7:2015
IEC 61326-3-1:2017, IEC 61326-3-2:2017, IEC 61800-3:2018
EN 61326-3-1:2017, EN IEC 61326-3-2:2018, EN IEC 61800-3:2018
IEC 62061:2021[*3], IEC 61800-5-2[*3]
EN IEC 62061:2021[*3], EN 61800-5-2[*3], EN 50370-2:2003, EN 60146-1-1:2010
[*2] Individual harmonics orders only
[*3] EM immunity only

Harmonic Test in Public Low Voltage Systems **[Including the test standards listed in Note 1.]**

IEC 61000-3-2:2018+A1:2020, IEC 61000-3-3:2013+A1:2017+A2:2021
IEC 61000-3-11:2017, IEC 61000-3-12:2011+A1:2021
EN IEC 61000-3-2:2019+A1:2021, EN 61000-3-3:2013+A1:2019+A2:2021
EN IEC 61000-3-11:2019, EN 61000-3-12:2011
IEC 61000-6-3:2020, EN IEC 61000-6-3:2021

Voluntary EMC Laboratory Accreditation Center Inc.

The laboratory is only accredited for testing activities outlined within the test methods listed above.
If test standards do not include the edition, it means the latest one at the date of renewal (2.1, 2024).