

# Scope of Accreditation

(Measurement Method)

**Accreditation Number : VLAC-022-2**

**Expiration Date : November 28, 2022**

[Name of Laboratory]

**MITSUBISHI ELECTRIC ENGINEERING Co., Ltd.  
EMC West Japan Center**

[Test site name]

**EMC West Japan Center (MEE EMC WJC)**

[Test site Address]

**1-8 Midori-machi, Fukuyama city, HIROSHIMA 720-8647, JAPAN**

[Measurement Method]

## **Immunity test**

**Electro static discharge test**

**Contact discharge, Air discharge, Indirect discharge**

**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**

**Bulk current injection test, measurement frequency range: 150 kHz - 230 MHz**

**Conducted Common mode disturbances**

**Radiated magnetic field**

**Interruptions and Voltage variations**

**Power transmission equipment Immunity test**

**Damped oscillatory wave immunity test**

**Ripple on d.c. input power port immunity test**

**Harmonics and interharmonics including mains signaling at a.c. power port, low frequency immunity tests**

**Voluntary EMC Laboratory Accreditation Center Inc.**

# Scope of Accreditation

(Test standards)

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[Test Standards]

## **Immunity test**

**IEC 61000-4-2/-4-4/-4-5/-4-6/-4-8/-4-9/-4-10/-4-11/-4-16/-4-17/-4-18/-4-29**

**EN 61000-4-2/-4-4/-4-5/-4-6/-4-8/-4-9/-4-10/-4-11/-4-16/-4-17/-4-18/-4-29**

**CISPR 14-2\*<sup>1</sup>, CISPR 24\*<sup>1</sup>, EN 55014-2\*<sup>1</sup>, EN 55024\*<sup>1</sup>**

**IEC 61000-6-1\*<sup>1</sup>, IEC 61000-6-2\*<sup>1</sup>, EN 61000-6-1\*<sup>1</sup>, EN 61000-6-2\*<sup>1</sup>**

**AS/NZS CISPR 14.2\*<sup>1</sup>, AS/NZS CISPR 24\*<sup>1</sup>, AS/NZS 61000.6.1\*<sup>1</sup>, AS/NZS 61000.6.2\*<sup>1</sup>**

**JIS C 61000-6-1\*<sup>1</sup>, JIS C 61000-6-2\*<sup>1</sup>**

**IEC 61800-3\*<sup>1</sup>, EN 61800-3\*<sup>1</sup>, IEC 61326-3-1\*<sup>1</sup>, EN 61326-3-2\*<sup>1</sup>, IEC 60945\*<sup>1</sup>, EN 60945\*<sup>1</sup>**

**Nippon Kaiji Kyokai Technical rule of Materials and Equipment for Marine Use : Article 7 Chapter 1 (Rules for the Automatic and Remote control)\*<sup>1</sup>**

**IEC 61326-1\*<sup>1</sup>, IEC 61326-2-1\*<sup>1</sup>/-2-2\*<sup>1</sup>/-2-3\*<sup>1</sup>/2-6\*<sup>1</sup>**

**EN 61326-1\*<sup>1</sup>, EN 61326-2-1\*<sup>1</sup>/-2-2\*<sup>1</sup>/-2-3\*<sup>1</sup>/2-6\*<sup>1</sup>**

**IEC 60601-1-2\*<sup>1</sup>**

**EN 60601-1-2\*<sup>1</sup>**

**JIS T 0601-1-2\*<sup>1</sup>**

**IEC 60255-26\*<sup>1</sup>**

**JEC-2501\*<sup>1</sup> (e Square Wave Impulse Immunity Test)**

**\*<sup>1</sup>: Except for IEC 61000-4-3 and EN 61000-4-3**

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