| Name of Accreditation Program | JCSS Accreditation Program | |
|---------------------------------------|---|--|
| Accreditation Identification | JCSS 0315 Calibration | |
| Name of Conformity Assessment Body | Calibration Laboratory, Jyonan Denkei Corporation Ltd. | |
| Name of Legal Entity | Jyonan Denkei Corporation Ltd. JCN 1250001003265 | |
| Inquiry Point | Calibration Laboratory TEL: +81-836-52-9252 FAX: +81-836-52-9252 | |

*JCN: Japan Corporate Number



Certificate of Accreditation

International Accreditation Japan (IAJapan) hereby accredits the following conformity assessment body as a calibration laboratory of Japan Calibration Service System.

| Accreditation Identification: | JCSS 0315 Calibration | | | |
|---|--|--|--|--|
| Name of Conformity Assessment Body: | Calibration Laboratory, Jyonan Denkei Corporation Ltd. | | | |
| Name of Legal Entity: | Jyonan Denkei Corporation Ltd. | | | |
| Location of Conformity Assessment Body: | 1291-8 Kawakami Iwaseto, Ube-shi, Yamaguchi 755-0084, JAPAN | | | |
| Scope of Accreditation: | Mass (as the following pages) | | | |
| Accreditation Requirement: | ditation Requirement: ISO/IEC 17025:2017* | | | |
| | * The relevant accreditation requirements described in the Accreditation Scheme Document for JCSS are also applied. | | | |
| Effective Date of Accreditation : | 2024-11-07 | | | |
| Expiry Date of Accreditation: | 2028-11-06 | | | |
| Date of Initial Accreditation: | 2014-07-10 | | | |

K. Horisake

HORISAKA Kazuhide Chief Executive, International Accreditation Japan (IAJapan) National Institute of Technology and Evaluation

⁻ International Accreditation Japan (IAJapan) is a laboratory accreditation body which has signed MRAs of ILAC (International Laboratory Accreditation Cooperation) and APAC (Asia Pacific Accreditation Cooperation).

⁻ MRA requirements are, in addition to relevant international standards and guides, requirements for participation in proficiency testing programs, surveillance and reassessment, and the policy for the traceability of measurement for MRA purpose.

⁻ This laboratory fulfills ISO/IEC 17025:2017 General requirements for the competence of testing and calibration laboratories. This accreditation means this laboratory meets both the technical competence requirements and management system requirements that are necessary for it to consistently deliver technically valid test results and calibrations (refer to joint ISO-ILAC-IAF Communiqué dated April 2017).

⁻ The latest accreditation information is publicly available on IAJapan Website as an accreditation certificate.

<u>General Field of Calibration: Mass</u> <u>Date of Initial Accreditation of the Field: 2014-07-10</u> <u>Laboratory's permanent facility/On-site Calibration: Laboratory's permanent facility</u> <u>Calibration and Measurement Capabilities</u>

| Calibration Procedures# and Type of Instruments/Materials to be calibrated | | Range | Expanded Uncertainty (Level of Confidence Approximately 95 %) | |
|--|-------------|-------------------------------|---|--|
| | | | Conventional mass | |
| Weight | Weight | 1 mg | 0.020 mg | |
| | | 2 mg | 0.020 mg | |
| | | 5 mg | 0.020 mg | |
| | | 10 mg | 0.025 mg | |
| | | 20 mg | 0.030 mg | |
| | | 50 mg | 0.040 mg | |
| | | 100 mg | 0.050 mg | |
| | | 200 mg | 0.060 mg | |
| | | 500 mg | 0.080 mg | |
| | | 1 g | 0.10 mg | |
| | | 2 g | 0.12 mg | |
| | | 5 g | 0.15 mg | |
| | | 10 g | 0.20 mg | |
| | | 20 g | 0.25 mg | |
| | | 50 g | 0.30 mg | |
| | | 100 g | 0.50 mg | |
| | | 200 g | 1.0 mg | |
| | | 500 g | 2.5 mg | |
| | | 1 kg | 5.0 mg | |
| | | 2 kg | 10 mg | |
| | | 5 kg | 25 mg | |
| | | 10 kg | 50 mg | |
| | | 20 kg | 0.10 g | |
| | | 50 kg | 0.8 g | |
| | | 100 kg | 1.6 g | |
| | | 200 kg | 3.0 g | |
| | | 500 kg | 8.0 g | |
| | Dead Weight | From 500 g up to 1 k g | 16 mg | |
| | | More than 1 kg up to 2 kg | 30 mg | |
| | | More than 2 kg up to 5 k g | 80 mg | |
| | | More than 5 kg up to 10 kg | 0.16 g | |
| | | More than 10 kg up to 20 kg | 0.30 g | |
| | | More than 20 kg up to 50 kg | 2.5 g | |
| | | More than 50 kg up to 100 kg | 5.0 g | |
| | | More than 100 kg up to 200 kg | 10 g | |
| | | More than 200 kg up to 500 kg | 25 g | |

#All Calibration Procedures are in-house procedures developed by this laboratory.

Laboratory's permanent facility/On-site Calibration: Laboratory's permanent facility, On-site Calibration Calibration and Measurement Capabilities

| Calibration Procedures# and Type of Instruments/Materials to be calibrated | | Range | Expanded Uncertainty (Level of Confidence Approximately 95 %) | |
|--|--|---------------------------------|---|------------------------|
| | | | Permanent Laboratory | On-site Calibration |
| Scale | Scale Non-Automatic Electronic Weighing Instruments | 1 g | 0.13 mg | 0.13 mg |
| | | 2 g | 0.16 mg | 0.16 mg |
| | | 3 g | 0.28 mg | 0.28 mg |
| | | 4 g | 0.31 mg | 0.31 mg |
| | | 5 g | 0.20 mg | 0.20 mg |
| | | More than 5 g up to 15 g | 0.56 mg | 0.56 mg |
| | | More than 15 g up to 20 g | 0.75 mg | 0.75 mg |
| | | More than 20 g up to 30 g | 0.81 mg | 0.81 mg |
| | | More than 30 g up to 50 g | 1.2 mg | 1.2 mg |
| | | More than 50 g up to 100 g | 1.1 mg | 1.1 mg |
| | | More than 100 g up to 150 g | 1.3 mg | 1.3 mg |
| | | More than 150 g up to 200 g | 1.7 mg | 1.7 mg |
| | | More than 200 g up to 300 g | 2.9 mg | 3.2 mg |
| | | More than 300 g up to 400 g | 3.6 mg | 3.8 mg |
| | | More than 400 g up to 500 g | 4.3 mg | 4.5 mg |
| | | More than 500 g up to 600 g | 5.0 mg | 5.2 mg |
| | | More than 600 g up to 800 g | 5.9 mg | 9.8 mg |
| | | More than 800 g up to 1 k g | 7.2 mg | 11 mg |
| | | More than 1 kg up to 1.5 kg | 13 mg | 14 mg |
| | | More than 1.5 kg up to 2 k g | 16 mg | 17 mg |
| | | More than 2 kg up to 3 kg | 22 mg | 24 mg |
| | | More than 3 kg up to 4 kg | 28 mg | 30 mg |
| | | More than 4 kg up to 5 kg | 35 mg | 36 mg |
| | | More than 5 kg up to 6 kg | 41 mg | 42 mg |
| | | More than 6 kg up to 8 kg | 56 mg | 83 mg |
| | | More than 8 kg up to 10 kg | 69 mg | 95 mg |
| | | More than 10 kg up to 15 kg | 0.12 g | 0.13 g |
| | | More than 15 kg up to 20 kg | 0.16 g | 0.16 g |
| | | More than 20 kg up to 30 kg | 0.24 g | 0.30 g |
| | | More than 30 kg up to 40 kg | 0.31 g | 0.38 g |
| | | More than 40 kg up to 50 kg | 0.38 g | 0.47 g |
| | | More than 50 kg up to 60 kg | 0.46 g | 0.55 g |
| | | More than 60 kg up to 80 kg | 1.3 g | 1.3 g |
| | | More than 80 kg up to 100 kg | 1.5 g | 1.5 g |
| | | More than 100 kg up to 600 kg | _ | 43 g |
| | | More than 600 kg up to 1200 kg | _ | 85 g |
| | | More than 1200 kg up to 2000 kg | _ | 0.17 kg |

#All Calibration Procedures are in-house procedures developed by this laboratory.