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Name of Accreditation Program	JCSS Accreditation Program
Accreditation Identification	JCSS 0352 Calibration
Name of Conformity Assessment Body	JCSS Calibration Laboratory, Unipulse Corporation
Name of Legal Entity	Unipulse Corporation JCN 5010001081414
Inquiry Point	JCSS Calibration Laboratory TEL: +81- 48-977-1111 FAX: +81- 48-976-5200

*JCN: Japan Corporate Number



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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 0352 Calibration

Name of Conformity Assessment Body: JCSS Calibration Laboratory, Unipulse Corporation

Name of Legal Entity: Unipulse Corporation

Location of Conformity Assessment Body: 1-3 Sengendainishi, Koshigaya-Shi, Saitama 343-0041, JAPAN

Scope of Accreditation: Torque (as the following pages)

Accreditation Requirement: ISO/IEC 17025:2017*

* The relevant accreditation requirements described in the Accreditation Scheme Document for JCSS are also applied.

Effective Date of Accreditation: 2021-09-30

Expiry Date of Accreditation: 2025-09-29

Date of Initial Accreditation: 2021-09-30

SAITO Kazunori

Chief Executive, International Accreditation Japan (IAJapan)

National Institute of Technology and Evaluation

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- 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.

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General Field of Calibration: Torque

Date of Initial Accreditation of the Field: 2021-09-30

Laboratory's permanent facility/On-site Calibration: Laboratory's permanent facility

Calibration and Measurement Capabilities

Calibration Procedures# and Type of Instruments/Materials to be calibrated		Range		Expanded Uncertainty (Level of Confidence Approximately 95 %)
Torque measuring devices	Torque measuring devices	Deadweight Type	Clockwise Torque and Counterclockwise Torque From 0.01 N·m up to 0.1 N·m	1.5 %
			Clockwise Torque and Counterclockwise Torque From 0.02 N·m up to 0.2 N·m	0.69 %
			Clockwise Torque and Counterclockwise Torque From 0.05 N·m up to 0.5 N·m	0.17 %
			Clockwise Torque and Counterclockwise Torque From 0.1 N·m up to 1 N·m	0.13 %
			Clockwise Torque and Counterclockwise Torque From 0.2 N·m up to 2 N·m	0.10 %
			Clockwise Torque and Counterclockwise Torque From 0.5 N·m up to 5 N·m	0.068 %
			Clockwise Torque and Counterclockwise Torque From 1 N·m up to 10 N·m	0.046 %
			Clockwise Torque and Counterclockwise Torque From 2.5 N·m up to 20 N·m	0.021 %
			Clockwise Torque and Counterclockwise Torque From 5 N·m up to 50 N·m	0.026 %
			Clockwise Torque and Counterclockwise Torque From 10 N·m up to 100 N·m	0.014 %
		Build-up Type	Clockwise Torque and Counterclockwise Torque From 0.5 N·m up to 5 N·m	0.15 %
			Clockwise Torque and Counterclockwise Torque From 1 N·m up to 10 N·m	0.11 %
			Clockwise Torque and Counterclockwise Torque From 2.5 N·m up to 20 N·m	0.096 %



Torque measuring device	Torque measuring devices	Build-up method	Clockwise Torque and Counterclockwise Torque From 5 N·m up to 50 N·m	0.11 %
			Clockwise Torque and Counterclockwise Torque From 10 N·m up to 100 N·m	0.11 %

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