



## Certificate of Accreditation

International Accreditation Japan (IAJapan) hereby accredits the following conformity assessment body as a testing laboratory of Japan National Laboratory Accreditation System.

Accreditation Identification: JNLA 000149JP Testing

Name of Conformity Assessment Body: Central Technology Center,  
Taiheiyo Consultant Co., Ltd.

Name of Legal Entity: Taiheiyo Consultant Co., Ltd.

Location of Conformity Assessment Body: 2-4-2 Osaku, Sakura-shi, Chiba 285-0802, JAPAN

Scope of Accreditation: as the following pages

Accreditation Requirement: ISO/IEC 17025:2017\*

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

Effective Date of Accreditation: 2021-08-31

Expiry Date of Accreditation: 2025-08-30

Date of Initial Accreditation: 2005-08-31

**ISHIGE Hiromi**

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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.

Name of Laboratory: Central Technology Center, Taiheiyo Consultant Co.,Ltd.  
 Address: 2-4-2, Osaku, Sakura-shi, Chiba 285-0802, JAPAN  
 Conformity Assessment Activity: Testing, Reporting of Result and Management Requirement Operation(All Accreditation Scope)

## &lt;Scope of Accreditation&gt;

Effective Date of Accreditation: 2021-08-31							
Scope of Accreditation	Materials or Products Tested	Test Type (Testing Method(s))	Component, Parameter or Characteristic Tested	Number(s) of JIS, clause and sub-clause	Notes		
Civil engineering and Construction	Construction materials	Aggregates testing	Sieve analysis, Amount of fine materials, Bulk density and solid content, Organic impurities, Density and water absorption, Resistance to abrasion, Soundness, Clay lumps, Alkali silica reactivity	Test Method Standard(s) JIS A 1102 JIS A 1103 JIS A 1104 JIS A 1105 JIS A 1109 JIS A 1110 JIS A 1121 JIS A 1122 JIS A 1134 JIS A 1135 JIS A 1137 JIS A 1145* * : “8.3”is limited to “a” JIS A 1146	-		
				Quotation Standard(s) JIS A 5001 5.2, 5.3 and 5.4 JIS A 5002 5.6, 5.7, 5.8, 5.9, 5.10 and 5.11 JIS A 5005 7.2, 7.3, 7.4, 7.5, 7.6, 7.7 and 7.8 JIS A 5308 Appendix JA JA.10 a), JA.10 b), JA.10 c), JA.10 d), JA.10 e), JA.10 f), JA.10 g), JA.10 h), JA.10 i), JA.10 j), JA.10 k), JA.10 n) and JA.10 o)	-		
				Strength testing of concrete and cement inorganic materials	Flexural strength of concrete, Compressive strength of concrete, Strength of cement	Test Method Standard(s) JIS A 1106* * : Except making test pieces and allowable difference of the shape JIS A 1108* * : Except making test pieces and allowable difference of the shape JIS R 5201 11* * : Except flexural strength test and “Appendix C”	-
				Quotation Standard(s) JIS A 5308 Appendix JC JC.7.1.8* and JC.7.2.5* * : Limited to “method A” JIS A 6204 6.2.7 e) JIS R 5210 6.1 JIS R 5211 6.1 JIS R 5212 6.1 JIS R 5213 6.1 JIS R 5214 7.1	-		
		Testing for concrete or admixtures	Fly Ash quality testing, Physical testing for cement, Heat of hydration of cement	Test Method Standard(s) JIS A 6201 8.1.2, 8.2, 8.3, Appendix JD and Appendix JE JIS R 5201 7, 8.1, 9* and 10* * : “9” is except “Appendix A” and “10” is except “Appendix B” JIS R 5203	-		
				Quotation Standard(s) JIS A 5308 Appendix JC JC.7.1.7 and JC.7.2.4 JIS A 6201 8.4 and 8.5.3 JIS R 5210 6.1 and 6.3 JIS R 5211 6.1 and 6.3 JIS R 5212 6.1 JIS R 5213 6.1 JIS R 5214 7.1	-		

Scope of Accreditation	Materials or Products Tested	Test Type (Testing Method(s))	Component, Parameter or Characteristic Tested	Number(s) of JIS, clause and sub-clause	Notices
cont.	cont.	Chemical analysis testing of aggregates, cement, and concrete	Determination of chlorine of aggregates, Chemical analysis of cement, X-ray fluorescence analysis of cement	Test Method Standard(s) JIS A 5002 5.5 JIS R 5202 5, 6, 7, 8*, 9, 10*, 11, 12, 13.1, 14, 15, 16.1, 17.2 and 18.1 * : "8.4" is limited to "8.4.1", "10.1.3" is limited to "10.1.3.1" and "10.2.3" is limited to "10.2.3.1" JIS R 5204* * : Except Appendix JE	-
				Quotation Standard(s) JIS A 5002 5.2, 5.3 and 5.4 JIS R 5210 4.2, 4.3 and 6.2 JIS R 5211 5.3.1 and 6.2 JIS R 5212 6.2 JIS R 5213 6.2 JIS R 5214 5.2, 6.4 and 7.2	-
		Wet weight, weight loss, residue, and ash testing	Amount of suspended solids, Amount of dissolved solids, Concentration of sludge water	Test Method Standards JIS A 5308 Appendix JC JC7.1.4, JC7.1.5 and JC7.2.6	-
		Chloride concentration in solution (Potentiometric titration)	Chloride ion concentration	Test Method Standard(s) JIS K 0113 5.	-
				Quotation Standard(s) JIS A 1144 4 c) JIS A 5308 Appendix JA JA.10 p), Appendix JC JC.7.1.6* and JC.7.2.3* * : Limited to "JIS A 1144 4 c)"	-
		Shape, size, testing	Length change of mortar and concrete	Test Method Standard(s) JIS A 1129-2	-
				Quotation Standard(s) JIS A 6204 6.2.7 f)	-

Remarks: The latest scope of accreditation that are published on the official gazetta, IAJapan web site and so on are applied to the detail of scope of accreditation.

(End of Certificate)