



## 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 Z90119JP Testing

Name of Conformity Assessment Body: Headquarter, Research and Testing Center,  
General Building Research Corporation of Japan

Name of Legal Entity : General Building Research Corporation of Japan

Location of Conformity Assessment Body: 5-8-1, Fujishirodai, Suita-shi, Osaka, 565-0873, 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: As the following pages

Expiry Date of Accreditation: 2025-02-17

Date of Initial Accreditation: 2005-02-18

SAITO Kazunori

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.

Name of Laboratory :Headquarter, Research and Testing Center,  
 Address :5-8-1,Fujishirodai,Suita-shi,Osaka,565-0873,JAPAN  
 Conformity Assessment Activities :Working within Accredited Scope of Headquarter,  
 Research and Testing Center

## &lt;Scope of Accreditation&gt;

Effective Date of Accreditation:2021-2-18					
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 Architecture	Building Materials	Aggregates testing	grading,content of materials finer than 75 μm sieve, bulk density, solid content,organic impurities,density, absorption,abrasion, soundness,content of clay lumps,content of clay lumps,alkali-silica reactivity (chemical method), alkali-silica reactivity (mortar-bar method), liquid limit, plastic limit	Testing 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 JIS A 1146 JIS A 1205 ----- Quotation Standard(s) JIS A 5001 5.2, 5.3, 5.4 and 5.5 JIS A 5002 5.6, 5.7, 5.8, 5.9, 5.10, 5.11 and 5.13 JIS A 5005 6.2, 6.3, 6.4, 6.5, 6.6, 6.7 and 6.8 JIS A 5011-1 6.3 a), 6.3 b), 6.4, 6.5 and 6.6 JIS A 5011-2 6.2.2 a), 6.2.2 b), 6.2.3, 6.3.1, 6.3.2 and 6.4 JIS A 5011-3 6.2.2, 6.2.3, 6.3.1, 6.3.2 and 6.4 JIS A 5011-4 6.3 a), 6.3 b), 6.4, 6.5 and 6.7 JIS A 5015 7.4, 7.6, 7.7 and 7.8 JIS A 5021 7.7 JIS A 5031 6.3, 6.4, 6.5, 6.6, 6.7 and 6.8 JIS A 5308 Appendix A A.10 a), A.10 b), A.10 c), A.10 d), A.10 e), A.10 f), A.10 g), A.10 h), A.10 i), A.10 j), A.10 k), A.10 n) and A.10 o)	-
		Strength testing of concrete and cement inorganic materials	flexural strength, compressive strength	Testing Method Standard (s) JIS A 1106 (Except making test piece) JIS A 1108 (Except making test pieces and Appendix A) ----- Quotation Standard(s) JIS A 1107 7 JIS A 5002 5.14 f) JIS A 5308 10.2.1 and 10.2.2 JIS A 5371 Appendix A A.6.1, Appendix B B.6.1, Appendix C C.6.1 and Appendix D D.6 JIS A 5372 Appendix A A.7.1, Appendix B B.7.1, Appendix C C.7.1, Appendix D D.7.1, Appendix E E.7.1, Appendix F F.7.1 and Appendix G G.7.1 JIS A 5373 Appendix A A.7.1, Appendix B B.7.1, Appendix C C.7.1, Appendix D D.7.1 and Appendix E E.7.1 JIS A 6204 6.2.7 e) JIS A 6205 5.3.6 d) JIS A 6511 9.2	-
		Shape, size, mass, and density testing	Determination of permanent-change	Testing Method Standard (s) JIS A 1129-1 JIS A 5208 5.2 JIS A 5422 7.3 JIS A 5423 6.2	-
		Chemical analysis testing of lime, cement, and glass	chloride concentration	Testing Method Standard (s) JIS A 5002 5.5	-

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
const	const	Water property testing	percentage of absorption, water permeability, percentage of total moisture content	Testing Method Standard (s) JIS A 5208 5.4  JIS A 5422 7.4 and 7.10 JIS A 5423 6.4 and 6.6	-
		Noise absorption and insulation testing	sound absorption coefficients, sound insulation	Testing Method Standard (s) JIS A 1409 JIS A 1416 ----- Quotation Standard(s) JIS A 4702 9.10 JIS A 4706 9.8 JIS A 6301 7.2 JIS A 6504 7.3.2 JIS A 6506 7.3.2 JIS A 6512 8.2.2	- ----- -
		Strength testing of boards	bending, impact	Testing Method Standard (s) JIS A 1408 JIS A 5208 5.3 JIS A 5422 7.6 ----- JIS A 5423 6.3 and 6.7 Quotation Standard(s) JIS A 5422 7.5	- ----- -
		Adiabatic testing of material	thermal resistance, thermal conductivity	Testing Method Standard (s) ----- JIS A 1412-2 ----- Quotation Standard(s) JIS A 5905 7.19 JIS A 5908 7.22 JIS A 6901 7.12 JIS A 9504 6.4 JIS A 9510 6.10 JIS A 9511 6.7 JIS A 9521 6.7 JIS A 9523 6.3 JIS A 9526 6.2.6	- ----- -
		Airtight, watertight, and wind endurance testing	Watertightness, wind resistance, air permeability	Testing Method Standard (s) JIS A 1414-3 5.7 JIS A 1515 JIS A 1516 JIS A 1517 ----- Quotation Standard(s) JIS A 4702 9.7, 9.8 and 9.9 JIS A 4706 9.4, 9.5 and 9.6 JIS A 6504 7.3.3 JIS A 6509 7.3.3	- ----- -
		Strength testing of boards	impact	Testing Method Standard (s) JIS A 1518 ----- Quotation Standard(s) JIS A 4702 9.6	- ----- -
		Floor impact sound reducing testing	sound insulation	Testing Method Standard (s) JIS A 1418-1 ----- Quotation Standard(s) JIS A 6506 7.3.3	- ----- -
		Freeze-thaw resistance testing	frost resistance	Testing Method Standard (s) JIS A 5208 5.5	-
		Mechanical durability testing	resistance to repeated	Testing Method Standard (s) JIS A 1530 ----- Quotation Standard(s) JIS A 4702 9.5	- ----- -
		Strength testing of metallic materials and	static torsion, vertical load strength	Testing Method Standard (s) JIS A 1523 JIS A 1524	-

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
const	const	components		Quotation Standard(s) JIS A 4702 9.2 and 9.3	-
		Adhesive and separation testing of adhesive materials	adhesion	Testing Method Standard (s) JIS A 5422 7.7	-
		Formaldehyde dissipation testing (desiccator method)	emission of formaldehyde	Testing Method Standard (s) JIS A 1460 Quotation Standard(s) JIS A 5905 7.18 JIS A 5908 7.14	- -
Chemical Products	Chemical	Polymeric tension testing	tensile strength, strain	Testing Method Standard (s) JIS K 7161-1 JIS K 7161-2 JIS K 7165 Quotation Standard(s) JIS K 6719-2 table 3 JIS K 6919 5.3.5 JIS K 6920-1 3.5.3 JIS K 6921-2 table 3 JIS K 6922-2 table 3 JIS K 7011 5.2 and 5.3(1)	- -
Ferrous Materials and Metallurgy / Non-Ferrous Metals and Metallurgy	Materials and Metallurgy / Non-Ferrous Metals and Metallurgy	Tensile test metallic materials	tensile strength, yield point, elongation, reduction of area	Testing Method Standard (s) JIS Z 2241 Quotation Standard(s) JIS A 5523 10.2.3 a) JIS A 5526 8.2.3 JIS A 5528 8.2.3 JIS G 3101 8.2.5 a) JIS G 3106 10.2.5 a) JIS G 3108 10.2.3 JIS G 3112 10.2.2 b) JIS G 3117 10.2.2 JIS G 3123 8.3 a) JIS G 3137 9.3.1 JIS G 3444 9.2.3 b)	- -
		Bend test for metallic materials	bending	Testing Method Standard (s) JIS Z 2248 Quotation Standard(s) JIS G 3117 10.2.3	- -

Effective Date of Accreditation:2021-3-17

Scope of Accreditation	Materials or Products	Test Type (Testing Method (s))	Component, Parameter or Characteristic Tested	Number (s) of JIS, clause and sub-clause	Notices
Civil Engineering and	Building Materials	Chloride ion content test in solution (Potentiometric titration method)	chlorine of fine aggregate, Chloride ion concentration	Testing Method Standard (s) JIS K 0113 5.	-
				Quotation Standard(s) JIS A 1144 4 c) JIS A 5308 Appendix A A.10 p)	-

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)