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24·07·03NITE -007
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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 Z80109JP Testing

Name of Conformity Assessment Body: Nagoya Material Techno Testing Lab.
Chubu Testing Center,
Japan Quality Assurance Organization (JQA)

Name of Legal Entity: Japan Quality Assurance Organization

Location of Conformity Assessment Body: 39, Okiura, Okimura, Kita-Nagoya-shi, Aichi, 481-0043,
JAPAN
(Related office(s): as the following pages)

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: 2025-10-04

Date of Initial Accreditation: 2005-10-05

KAZUHIDE Horisaka

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.

24·07·03NITE-007
2024-07-24

Name of Laboratory: Nagoya Materials Techno Testing Lab, Chubu Testing Center, Japan Quality Assurance Organization (JQA)
Address: 39, Okiura, Okimura, Kita-Nagoya-shi, Aichi, 481-0043, JAPAN
Conformity Assessment Activity: Testing, Reporting of Result and Management Requirement Operation(All Accreditation Scope)

Name of Office: Materials Techno Sector, Japan Quality Assurance Organization(Executive Officer, Deputy Executive Officer, General Manager and Planning and Coordination Bureau)
Address: 3-8-19, Mizuhai, Higashi-Osaka-shi, Osaka, 578-0921, JAPAN
Conformity Assessment Activity: Management Requirement Supervision

Name of Office: Chubu Testing Center, JQA
Address: 22, Gotan, Okimura, Kita-Nagoya-shi, Aichi, 481-0043, JAPAN
Conformity Assessment Activity: Management Requirement Operation

<Scope of Accreditation>

Effective Date of Accreditation: 2021-10-05					
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
Civil Engineering and Architecture	Building Materials	Aggregates testing	Mass, Mass fraction, fineness modulus, Content of materials finer than 75 µm sieve, Bulk density, Solid content, Comparison with standard color solution, Density insaturated surfacedrycondition, Dry density, Abrasion loss, Loss mass fraction, Content of clay lumps, Alkalisilica reactivity (chemical method), Expansion rate, Judgment result	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 1137 JIS A 1145 (8.3 is Limited to a) and c) 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 and 5.10 JIS A 5005 7.2, 7.3, 7.4, 7.5, 7.6, 7.7 and 7.8 JIS A 5011-1 6.3, 6.4, 6.5 and 6.6 JIS A 5011-2 6.2.2, 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, 6.4, 6.5, 6.6 and 6.7 JIS A 5015 7.4, 7.6, 7.7 and 7.8 JIS A 5021 7.4, 7.5, 7.6, 7.7 (Except Appendix D), 7.8 and 7.9 JIS A 5022 Appendix A A.5.4, A.5.5, A.5.7.1, A.5.7.2, A.5.8 and A.5.9 JIS A 5023 Appendix A A.5.3, A.5.4, A.5.5.1, A.5.5.2 and A.5.6 JIS A 5031 6.3, 6.4, 6.5, 6.6, 6.7 (Except JIS A 1804) and 6.8 JIS A 5032 6.2, 6.3 and 6.4 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 k), JA.10 n) and JA.10 o)	-
		Strength testing of concrete and cement inorganic materials	Density, Specific surface area, Time of setting of concrete mixtures, Expansive cracking or warpage	Testing Method Standard(s) JIS A 1106 (Except making test piece) JIS A 1108 (Except making test piece and Appendix A) JIS A 5003 5.4 JIS A 5006 5.4 JIS R 5201 11	-

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.	Cont.	Cont.	Quotation Standard(s) JIS A 1107 8 JIS A 5002 5.14 f) JIS A 5022 10.2 JIS A 5023 10.2 JIS A 5308 10.2.1, 10.2.2, Appendix JC JC.7.1.8 and JC.7.2.5 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(Except JIS A 1136), Appendix B B.7.1, Appendix C C.7.1, Appendix D D.7.1 and Appendix E E.7.1(Except JIS A 1136) JIS A 6202 8.5 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	Density, Specific surface area, Time of setting of concrete mixtures, Expansive cracking or warpage	Testing Method Standard(s) JIS R 5201 7, 8, 9 and 10 Quotation Standard(s) JIS A 5308 Appendix JC JC.7.1.7 and JC.7.2.4 JIS A 6201 8.4 and 8.5.2 JIS A 6202 8.1 and 8.3 JIS A 6206 7.2 and 7.3 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	-
		Chemical analysis testing of lime, cement, and glass	Chloride content, Ignition loss, Insoluble residue, Concentration of silicon dioxide, Calcium oxide amount, Concentration of sulfur trioxide, Concentration of titanium(IV) oxide, Concentration of phosphorus(V) oxide, Concentration of chlorine	Testing Method Standard(s) JIS A 5002 5.5 JIS R 5202 5, 6, 7, 8, 11, 13, 15.1, 16.1, and 19.1 Quotation Standard(s) JIS A 5002 5.2, 5.3 and 5.4 JIS A 5021 7.10 a) JIS A 5022 Appendix A A.5.10 a) JIS A 5023 Appendix A A.5.7 a) JIS A 6202 7.2 JIS A 6206 7.6, 7.7 and 7.8 JIS R 5210 6.2 JIS R 5211 6.2 JIS R 5212 6.2 JIS R 5213 6.2 JIS R 5214 7.2	-
		Wet weight, weight loss, residue, and ash testing	Amount of suspended matter, Soluble evaporation residue	Testing Method Standard(s) JIS A 5308 Appendix JC JC.7.1.4 and JC.7.1.5	-

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
Cont.	Cont.	Chloride ion content test in solution (potentiometric titration method)	Chloride concentration	Testing 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	-
Ferrous Materials and Metallurgy / Non-Ferrous Metals and Metallurgy	Ferrous Materials and Metallurgy / Non-Ferrous Metals and Metallurgy	Tensile test for metallic materials	Yield point or yield strength, Tensile strength, Elongation after fracture, Reduction of area, Tensile strength	Testing Method Standard(s) JIS Z 2241 JIS Z 3121	-
				Quotation Standard(s) JIS A 5525 12.2.3 b) JIS A 5526 8.2.3 JIS A 5528 8.2.3 JIS G 3101 9.2.5 a) JIS G 3106 11.2.5 a) JIS G 3109 9.3.2 JIS G 3112 10.2.2 b) JIS G 3114 10.2.3 a) JIS G 3117 10.2.2 JIS G 3136 11.2.3 a) JIS G 3532 11.2 JIS G 4304 11.2.5 a) JIS G 4322 10.2.5 a) JIS H 5120 7.2.3 JIS Z 3120 6.2	-
		Bend test for metallic materials	Bendability	Testing Method Standard(s) JIS Z 2248 JIS Z 3122 6.3.1	-
				Quotation Standard(s) JIS G 3101 9.2.5 b) JIS G 3112 10.2.3 b) JIS G 3117 10.2.3 JIS G 4322 10.2.5 b) JIS Z 3120 6.3	-
Chemical Products	Chemical Products	Bending testing of polymeric material	Bending properties	Testing Method Standard(s) JIS K 7171 (Except making test piece)	-
				Quotation Standard(s) JIS A 7511 7.2 and 7.3	-

Effective Date of Accreditation: 2022-11-16

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
Chemical Products	Chemical Products	Tension testing of polymeric material	Tensile properties	Testing Method Standard(s) JIS K 7161-1 (Except making test piece)	-
				Quotation Standard(s) JIS A 7511 7.2 and 7.3	-
		Compressive strength testing of polymeric material	Compression properties	Testing Method Standard(s) JIS K 7181 (Except making test piece)	-
				Quotation Standard(s) JIS A 7511 7.2 and 7.3	-

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)