22･07･14-NITE -014
2022-12-21

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 060232JP Testing

Name of Conformity Assessment Body: Product Engineering Co., Ltd.

Name of Legal Entity: same as above

Location of Conformity Assessment Body: 2-8-19, Akebono-cho, Konan-ku, Niigata-shi, Niigata, 950-0134, 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: 2026-10-20

Date of Initial Accreditation: 2006-11-16

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: : Product Engineering Co., Ltd.
Address: : 2-8-19, Akebono-cho, Konan-ku, Niigata-shi, Niigata, 950-0134, JAPAN
Conformity Assessment Activity: : Testing, Reporting of Result and Management Requirement Operation(All Accreditation Scope)

Name of Office: : Product Engineering Co., Ltd. Sanjo laboratory
Address: : 3-93, Sugoro, Sanjo-shi, Niigata, 955-0092, JAPAN
Conformity Assessment Activity: : Conduct part of the test

<Scope of Accreditation>

Effective Date of Accreditation: 2022-10-21					
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 Construction	Construction materials	Aggregates testing	Sieve analysis of aggregates, Amount of material passing test sieve 75 mum in aggregates, Bulk density of aggregates and solid content in aggregates, Organic impurities in fine aggregate, Density and water absorption of fine aggregates, Density and water absorption of coarse aggregates, Resistance to abrasion of coarse aggregate, Soundness of aggregates by use of sodium sulfate, Clay lumps contained in aggregates, Alkali-silica reactivity of	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 “b)” JIS A 1146	-
				Quotation Standard(s) JIS A 5002 5.7 and 5.10 JIS A 5005 7.2、7.3、7.4、7.5、7.6、7.7 and 7.8 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 k)、A.10 n) and A.10 o)	-
		Strength testing of concrete and cement inorganic materials	Flexural strength of concrete, Compressive strength of concrete	Testing Method Standard(s) JIS A 1106* *: except making test pieces. JIS A 1108* *: except making test pieces and Appendix A.	-
				Quotation Standard(s) JIS A 1107 8 JIS A 1142 6.5 JIS A 5308 10.2.1、10.2.2、Appendix C C.8.1.8*and C.8.2.5* *: Limited to “method B”	-
		Shape, size, mass, and density testing	Permanent change in dimensions of concrete and mortar, carbonation depth of concrete	Testing Method Standard(s) JIS A 1129-3 JIS A 1152	-
				Quotation Standard(s) JIS A 6204 6.2.7 f)	-
		Testing for concrete or ad mixtures	Setting time of cement, mortar flow	Testing Method Standard(s) JIS R 5201 9 and 12	-
				Quotation Standard(s) JIS A 5308 Appendix C C.8.1.7 and C.8.2.4	-
		Chemical analysis testing of lime, cement, and glass	chloride ion content in hardened concrete, chlorine of fine aggregate	Testing Method Standard(s) JIS A 1154* *: Limited to 9 JIS A 5002 5.5* *: Limited to test piece solution preparation	-

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 5308 Appendix A A.10 p)	-
		Wet weight, weight loss, residue, and ash testing	Suspended matter content, Content of soluble residue on evaporation, Difference in cement setting time	Testing Method Standard(s) JIS A 5308 Appendix C C.8.1.4、C.8.1.5 and C.8.2.6	-
Steel and Non-ferrous metal	Steel and Non-ferrous metal	Tensile test for metallic materials	Tensile strength, Stretching	Testing Method Standard(s) JIS Z 2241	-
				Quotation Standard(s) JIS G 3101 9.2.5 a)* *: Limited to Steel bars JIS G 3108 10.2.3* *: Limited to Steel bars JIS G 3112 10.2.2 JIS G 3117 10.2.2 JIS G 3138 12.2.3 a)* *: Limited to Steel bars JIS Z 3120 6.2	-
Chemical Products	Chemical Products	Ion electrode analysis	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) , Appendix C C.8.1.6 and C.8.2.3	-

Effective Date of Accreditation: 2022-12-21					
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 Construction	Construction materials	Ready-mixed concrete testing	Slump value, Air content, Slump flow value	Testing Method Standard(s) JIS A 1101* *: Limited to brought-in samples JIS A 1128* *: Limited to brought-in samples JIS A 1150* *: Limited to brought-in samples	-
				Quotation Standard(s) JIS A 5308 10.3、10.4 and 10.5	-

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)