



Proficiency Testing Provider

Accreditation Certificate

Accreditation No. PTP00040

***KMTL Edge Tech CO., LTD.
Proficiency Test Promotion Department***

***47-13 Niijima, Harima-cho, Kako-gun, Hyogo, 675-0155
Japan***

meets the following criteria. On the basis of this, Japan Accreditation Board (JAB) grants accreditation to the said proficiency testing provider.

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| Applicable accreditation criteria | : JIS Q 17043:2011 (ISO/IEC 17043:2010) |
| Scope of accreditation | : As described in the appendix. |
| Premises covered by accreditation | : As described in the appendix. |
| Expiry date of accreditation | : February 29, 2020 |

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| Revised (2) | February 6, 2018 |
| Initial accreditation | February 8, 2016 |

S. Hirai

S. Hirai, Chairman
Proficiency Testing Provider Accreditation Committee

Y. Mizuka

Y. Mizuka, President
Japan Accreditation Board



JAB

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1) Applied scope of accreditation

- Code of Field : M25 Mechanical testing
- : M25.A1 Metal materials, Fasteners and screw threads
- : M25.A1.1 Iron and Steel/Non-ferrous Metal
- : M25.A1.2 Fasteners and screw threads
- : M25.B13 Strength testing
- : M25.B13.1 Tensile strength & elongation testing
- : M25.B13.6 Hardness testing

2) Proficiency test item

- (1) Tensile testing of metals
- (2) Rockwell hardness testing of metals
- (3) Tensile testing of bolts
- (4) Wedge tensile testing of bolts
- (5) Rockwell hardness testing of bolts

3) Analyte or property, and the range

- (1) Tensile testing of metals
 - Range: Tensile strength < 500 kN,
 - Item: 0.2 % proof strength, tensile strength, percentage elongation after fracture, percentage reduction of area.
- (2) Rockwell hardness testing of metals
 - Range: 20 HRC \leq Rockwell hardness \leq 70 HRC
 - Item: Rockwell hardness
- (3) Tensile testing of bolts
 - Range: Ultimate tensile strength < 500 kN
 - Item: Ultimate tensile strength
- (4) Wedge tensile testing of bolts
 - Range: Ultimate tensile strength < 500 kN
 - Item: Ultimate tensile strength
- (5) Rockwell hardness testing of bolts
 - Range: 20 HRC \leq Rockwell hardness \leq 70 HRC
 - Item: Rockwell hardness



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1) Applied scope of accreditation

Code of Field : M26 Chemical testing

: M26.1 Metal, Material of metal, Metal Products

2) Proficiency test item

Carbon steel, Low-alloy steel

3) Analyte or property, and the range

(1) Elements

C, Si, Mn, P, S, Cu, Ni, Cr, Al, Mo, Sn, V

(2) Method

(a) Instrumental analysis

- Standard number : JIS G 1253, JIS G 1256

(b) Chemical analysis

- Standard number : JIS G 1211-1, JIS G 1211-2, JIS G 1211-3, JIS G 1211-4,
JIS G 1212, JIS G 1213, JIS G 1214, JIS G 1215-1, JIS G 1215-2,
JIS G 1215-3, JIS G 1215-4, JIS G 1216, JIS G 1217, JIS G 1218,
JIS G 1219, JIS G 1221, JIS G 1224, JIS G 1226, JIS G 1257-1,
JIS G 1257-10-1, JIS G 1257-10-3, JIS G 1257-10-4, JIS G 1257-11-1,
JIS G 1257-11-2, JIS G 1258-1, JIS G 1258-2, JIS G 1258-3



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1) Applied scope of accreditation

Code of Field : M26 Chemical testing
: M26.2 Environment Sample

2) Proficiency test item

Environment Sample : Aqueous solution

3) Analyte and method

(1) Elements

Na, K, Ca, Mg, Cu, Zn, Pb, Cd, Mn, Fe, Al, Ni, Co, Sn, Cr, Mo

(2) Method

Standard number : JIS K 0101, JIS K 0102

Japan Accreditation Board