

Name of Accreditation Program	JCSS Accreditation Program
Accreditation No.	JCSS0203
Date of Initial Accreditation	2007-10-24
Latest Date of Issue	2017-02-01
Name and Address of Accredited Organization	Kobe Koki Co., Ltd. Kansai Mass Calibration Center 14-6, Uozakihamamachi, Higashinada-ku, Kobe-shi, Hyogo, 658-0024, Japan JCN 4140001011912
Inquiry Point	Kansai Mass Calibration Center Tel: +81-78-451-1281    FAX: +81-78-452-1976
Accreditation Standards	ISO/IEC 17025:2005 (Calibration)
Accreditation Scope	As attached

\*JCN : Japan Corporate Number

General Field of Calibration : Mass

Date of Initial Accreditation of the Field : 2007-10-24

Permanent Laboratory/On-site Calibration : Permanent Laboratory

Calibration Procedures# and Type of Instruments/Materials to be calibrated		Range	CMC (Level of Confidence Approximately 95 %) (Conventional Mass)
Weight	Weight	1 000 kg	16 g
		500 kg	7.9 g
		200 kg	3.3 g
		100 kg	1.4 g
		50 kg	0.69 g
		20 kg	28 mg
		10 kg	13 mg
		5 kg	6.5 mg
		2 kg	2.3 mg
		1 kg	1.2 mg
		500 g	0.62 mg
		200 g	0.25 mg
		100 g	0.14 mg
		50 g	0.083 mg
		20 g	0.063 mg
		10 g	0.048 mg
		5 g	0.037 mg
		2 g	0.028 mg
		1 g	0.023 mg
		500 mg	0.017 mg
		200 mg	0.012 mg
		100 mg	0.0086 mg
		50 mg	0.0068 mg
		20 mg	0.0056 mg
		10 mg	0.0046 mg
		5 mg	0.0038 mg
		2 mg	0.0038 mg
	1 mg	0.0038 mg	
	Deadweight	More than 500 kg up to 1 000 kg	16 g
		More than 200 kg up to 500 kg	7.9 g
		More than 150 kg up to 200 kg	3.4 g
		More than 100 kg up to 150 kg	2.1 g
		More than 50 kg up to 100 kg	1.4 g
More than 30 kg up to 50 kg		0.69 g	
More than 20 kg up to 30 kg		40 mg	
More than 10 kg up to 20 kg	29 mg		
More than 5 kg up to 10 kg	13 mg		
More than 2 kg up to 5 kg	6.5 mg		
More than 1 kg up to 2 kg	2.4 mg		
More than 500 g up to 1 kg	1.3 mg		
More than 200 g up to 500 g	0.68 mg		
More than 100 g up to 200 g	0.31 mg		

		More than 50 g up to 100 g	0.24 mg
		More than 20 g up to 50 g	0.17 mg
		More than 10 g up to 20 g	0.11 mg
		More than 5 g up to 10 g	0.11 mg
		More than 2 g up to 5 g	0.080 mg
		More than 1 g up to 2 g	0.057 mg
		More than 500 mg up to 1 g	0.057 mg
		More than 200 mg up to 500 mg	0.039 mg
		More than 100 mg up to 200 mg	0.037 mg
		More than 50 mg up to 100 mg	0.028 mg
		More than 20 mg up to 50 mg	0.022 mg
		More than 10 mg up to 20 mg	0.016 mg
		More than 5 mg up to 10 mg	0.011 mg
		From 1 mg up to 5 mg	0.0073 mg

#All Calibration Procedures are in-house procedures developed by this laboratory.

Permanent Laboratory/On-site Calibration : On-site Calibration

Calibration Procedures# and Type of Instruments/Materials to be calibrated		Range	CMC (Level of Confidence Approximately 95 %) (Conventional Mass)
Weight	Weight	20 kg	0.28 g
		10 kg	0.14 g
		5 kg	70 mg
		2 kg	28 mg
		1 kg	16 mg
	Deadweight	More than 10 kg up to 20 kg	0.28 g
		More than 5 kg up to 10 kg	0.14 g
		More than 2 kg up to 5 kg	70 mg
		More than 1 kg up to 2 kg	28 mg

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Permanent Laboratory/On-site Calibration : Permanent Laboratory, On-site Calibration

Calibration Procedures# and Type of Instruments/Materials to be calibrated		Range	CMC (Level of Confidence Approximately 95 %)	
			Permanent Laboratory	On-site Calibration
Scale	Non-Automatic Electronic Weighing Instruments	From 1 mg up to 500 mg	0.031 mg	0.042 mg
		More than 500 mg up to 1 g	0.041 mg	0.056 mg
		More than 1 g up to 2 g	0.041 mg	0.056 mg
		More than 2 g up to 5 g	0.062 mg	0.084 mg
		More than 5 g up to 10 g	0.087 mg	0.12 mg
		More than 10 g up to 20 g	0.089 mg	0.12 mg
		More than 20 g up to 30 g	0.11 mg	0.13 mg
		More than 30 g up to 40 g	0.14 mg	0.17 mg
		More than 40 g up to 50 g	0.15 mg	0.19 mg
		More than 50 g up to 60 g	0.11 mg	0.15 mg
		More than 60 g up to 80 g	0.16 mg	0.20 mg
		More than 80 g up to 100 g	0.20 mg	0.25 mg

	More than 100 g up to 120 g	0.17 mg	0.22 mg
	More than 120 g up to 150 g	0.16 mg	0.21 mg
	More than 150 g up to 180 g	0.20 mg	0.26 mg
	More than 180 g up to 200 g	0.21 mg	0.27 mg
	More than 200 g up to 250 g	0.25 mg	0.31 mg
	More than 250 g up to 300 g	0.30 mg	0.37 mg
	More than 300 g up to 350 g	0.33 mg	0.41 mg
	More than 350 g up to 400 g	0.38 mg	0.47 mg
	More than 400 g up to 450 g	0.44 mg	0.53 mg
	More than 450 g up to 500 g	0.49 mg	0.59 mg
	More than 500 g up to 600 g	0.71 mg	2.1 mg
	More than 600 g up to 800 g	1.6 mg	2.9 mg
	More than 800 g up to 1000 g	1.8 mg	3.5 mg
	More than 1000 g up to 1500 g	2.0 mg	4.5 mg
	More than 1500 g up to 2000 g	2.4 mg	5.9 mg
	More than 2000 g up to 3000 g	3.2 mg	8.7 mg
	More than 3000 g up to 4000 g	4.1 mg	12 mg
	More than 4000 g up to 6000 g	7.4 mg	22 mg
	More than 6000 g up to 8000 g	9.3 mg	27 mg
	More than 8000 g up to 10 kg	12 mg	32 mg
	More than 10 kg up to 20 kg	0.15 g	0.16 g
	More than 20 kg up to 30 kg	0.17 g	0.19 g
	More than 30 kg up to 40 kg	1.8 g	1.9 g
	More than 40 kg up to 50 kg	2.0 g	2.2 g
	More than 50 kg up to 60 kg	2.3 g	2.5 g
	More than 60 kg up to 80 kg	2.4 g	2.9 g
	More than 80 kg up to 100 kg	2.6 g	3.3 g
	More than 100 kg up to 150 kg	3.9 g	4.9 g
	More than 150 kg up to 200 kg	5.8 g	7.0 g
	More than 200 kg up to 500 kg	14 g	17 g
	More than 500 kg up to 1 000 kg	27 g	33 g
	More than 1 000 kg up to 1 500 kg	52 g	60 g
	More than 1 500 kg up to 2 000 kg	0.15 kg	0.16 kg
	More than 2 000 kg up to 3 000 kg	0.19 kg	0.20 kg
	More than 3 000 kg up to 5 000 kg	1.8 kg	1.8 kg
	More than 5 000 kg up to 10 t	3.5 kg	3.5 kg
	More than 10 t up to 21 t	8.7 kg	8.7 kg

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Calibration Procedures# and Type of Instruments/Materials to be calibrated		Range	CMC (Level of Confidence Approximately 95 %)	
			Permanent Laboratory	On-site Calibration
Scale	Non-Automatic Mechanical Weighing Instruments	From 1 mg up to 500 mg	0.032 mg	0.065 mg
		More than 500 mg up to 1 g	0.042 mg	0.075 mg
		More than 1 g up to 2 g	0.042 mg	0.075 mg
		More than 2 g up to 5 g	0.062 mg	0.098 mg
		More than 5 g up to 10 g	0.090 mg	0.13 mg
		More than 10 g up to 20 g	0.092 mg	0.13 mg
		More than 20 g up to 50 g	0.15 mg	0.19 mg
		More than 50 g up to 100 g	0.32 mg	0.35 mg
		More than 100 g up to 150 g	0.53 mg	0.54 mg
		More than 150 g up to 200 g	0.55 mg	0.57 mg
		More than 200 g up to 250 g	0.56 mg	0.59 mg
		More than 250 g up to 300 g	0.59 mg	0.62 mg
		More than 300 g up to 350 g	0.60 mg	0.65 mg
		More than 350 g up to 400 g	0.63 mg	0.69 mg
		More than 400 g up to 450 g	0.65 mg	0.72 mg
		More than 450 g up to 500 g	0.69 mg	0.76 mg
		More than 500 g up to 1000 g	5.2 mg	6.0 mg
		More than 1000 g up to 2000 g	11 mg	12 mg
		More than 2000 g up to 5000 g	26 mg	31 mg
		More than 5000 g up to 10 kg	7.0 g	7.0 g
		More than 10 kg up to 20 kg	14 g	14 g
		More than 20 kg up to 30 kg	26 g	26 g
		More than 30 kg up to 40 kg	28 g	28 g
		More than 40 kg up to 50 kg	31 g	31 g
		More than 50 kg up to 60 kg	70 g	70 g
		More than 60 kg up to 80 kg	78 g	78 g
		More than 80 kg up to 100 kg	87 g	87 g
		More than 100 kg up to 150 kg	0.13 kg	0.13 kg
		More than 150 kg up to 200 kg	0.14 kg	0.14 kg
		More than 200 kg up to 300 kg	0.26 kg	0.26 kg
		More than 300 kg up to 400 kg	0.28 kg	0.28 kg
		More than 400 kg up to 500 kg	0.31 kg	0.31 kg
More than 500 kg up to 600 kg	0.70 kg	0.70 kg		
More than 600 kg up to 800 kg	0.78 kg	0.78 kg		
More than 800 kg up to 1000 kg	0.87 kg	0.87 kg		
More than 1000 kg up to 1500 kg	1.3 kg	1.3 kg		
More than 1500 kg up to 2000 kg	1.4 kg	1.4 kg		
More than 2000 kg up to 3000 kg	3.3 kg	3.3 kg		
More than 3000 kg up to 5000 kg	6.7 kg	6.7 kg		
More than 5000 kg up to 10 t	8.7 kg	8.7 kg		
More than 10 t up to 21 t	14 kg	14 kg		

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