Member State
Denmark

OIML Certificate N°
R61/2004-DK3-17.01

OIML CERTIFICATE OF CONFORMITY

Issuing authority
Name: **DELTA**
Address: Venlighedsvej 4
2970 Hørsholm
Denmark

Person responsible: J. Hovgård Jensen

Applicant
Name: **BAYKON Endüstriyel Kontrol Sistemleri San ve Tic A.S.**
Address: Tuzla Kimya Sanayicileri OSB
Organik Caddesi 31
Tepeören, Tuzla
34956 Istanbul
TURKEY

Manufacturer
of the certified pattern: **BAYKON Endüstriyel Kontrol Sistemleri San ve Tic A.S.**

Identification
of the certified pattern: **Automatic gravimetric filling instrument**
Type: BX13
Further characteristics are set out on page 2-4

This certificate attests the conformity of the above mentioned pattern (represented by the samples identified in the associated test report) with the requirements of the following Recommendation of the International Organization of Legal Metrology (OIML):

R61
edition 2004
for reference class Ref (0.2) and accuracy class X(0.2), X(0.5), X(1) or X(2)

This certificate relates only to the metrological and technical characteristics of the pattern of the instrument concerned, as covered by the relevant OIML International Recommendation.

This certificate does not bestow any form of legal international approval.

DELTA
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The conformity was established by tests described in the associated test reports from DELTA, DK, No. DANAK-1914611, dated 22-10-2014 that includes 91 pages

The issuing authority: **DELTA, OIML Issuing Authority DK3**
13 November 2017

J. Hovgård Jensen
Certification Officer

Characteristics

Reference class	Ref(x)	0.2
Accuracy class	X(x)	0.2, 0.5, 1 or 2
Loads per fill		Single-load or cumulative multi-fill
Weighing range		Single-interval
Number of scale intervals	n	≤ 10 000
Verification scale interval	d=	≥ 1 g and ≥ 0.4 µV
Maximum capacity	Max	n × d
Minimum capacity	Min	= MinFill for single load fill < MinFill for cumulative fillers
Minimum Fill	MinFill	See separate table
Subtractive tare	T	≤ -Max
Excitation voltage	U_{exc}	5 VDC
Load cell impedance	Min. / Max.	43 ohm / 1100 ohm
Load cell connecting system		4-wire or 6-wire, shielded
Module fractional factor	p_i	0.5 for the indicator
Interface		Protective, according to paragraph 5.3.6
Connected load cells		Shall comply with R60
Supply voltage		12 – 28 VDC
Temperature range for the indicator		-10 °C / +40 °C
Weighing mode		Static
Electromagnetic class		E2
Humidity		Non-condensing
Maximum time between aut. zero setting		90 minutes
Extra warm-up time		Not needed
Software identification:		2.xx
Max cable length to junction box		4824 m/mm^2
Rate of operation		determined at initial verification

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MinFill

Minimum filling's (MinFill) dependency of verification scale interval (d) in g and accuracy class X(x) for weighing controller BX13 for verification scale interval d = 0.4 µV.

d	Accuracy class							
	X(0.2)		X(0.5)		X(1)		X(2)	
[g]	d	[kg]	d	[kg]	d	[kg]	d	[kg]
1	1865	1.865	373	0.373	125	0.125	32	0.032
2	1865	3.730	746	1.492	187	0.374	63	0.126
5	1865	9.325	746	3.73	373	1.865	94	0.470
10	2798	27.98	746	7.46	373	3.73	187	1.87
20	2798	55.96	1119	22.38	373	7.46	187	3.74
50	2798	139.9	1119	55.95	560	28	187	9.35
100	2798	279.8	1119	111.9	560	56	280	28
200	2798	559.6	1119	223.8	560	112	280	56
≥ 500	2798		1119		560		280	

Minimum filling's (MinFill) dependency of verification scale interval (d) in g and accuracy class X(x) for weighing controller BX13 for verification scale interval d = 1.0 µV.

d	Accuracy class							
	X(0.2)		X(0.5)		X(1)		X(2)	
[g]	d	[kg]	d	[kg]	d	[kg]	d	[kg]
1	373	0.373	50	0.050	25	0.025	13	0.013
2	745	1.490	100	0.20	25	0.050	13	0.026
5	745	3.725	298	1.49	75	0.375	25	0.125
10	745	7.45	298	2.98	149	1.49	38	0.38
20	1117	22.34	298	5.96	149	2.98	75	1.50
50	1117	55.85	447	22.35	149	7.45	75	3.75
100	1117	111.7	447	44.7	224	22.4	75	7.5
200	1117	223.4	447	89.4	224	44.8	112	22.4
≥ 500	1117		447		224		128	

Feeding

- Gravity feeder
- Screw feeder
- Belt feeder
- Vibratory feeder

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Devices

- Initial zero setting device
- Semi-automatic zero setting
- Zero tracking
- Automatic zero setting
- Semi-automatic subtractive tare
- Automatic subtractive tare
- Zero indicator
- Indication of stable equilibrium
- Net indicator
- Net / Gross indication device
- Gravity compensation device
- Extended resolution device
- Target weight
- Coarse feeding device
- Fine feeding device

Important note:

Apart from the mention of the certificate's reference number and the name of the OIML Member State in which the certificate was issued, partial quotation of the certificate or of the associated test report is not permitted, though they may be reproduced in full.