

**Member State of OIML**  
**United Kingdom of Great Britain**  
**and Northern Ireland**

**OIML Certificate No**  
**R60/2000-GB1-11.01**

Issuing authority

Name: **National Weights and Measures Laboratory  
(Part of the National Measurement Office)**

Address: **Stanton Avenue  
Teddington  
Middlesex, TW11 0JZ  
United Kingdom**

Person responsible: **G Stones – Deputy Product Certification Manager**

Applicant

Name: **Ölçsan Elektronik Sistemleri İml.San Ve Tic Ltd**

Address: **Bursa Karayolu 17 km  
Eskisehir  
Turkey**

Manufacturer of the certified pattern is:

**The applicant and the load cell bears the applicant's  
trademark of "Bassan".**

Identification of the certified pattern:

**Stainless steel compression strain gauge load cell**

Model Designation	BS-26
Maximum capacity, $E_{\max}$ (t)	35
Accuracy class	C4
Maximum number of load cell intervals, $n_{\max}$	4000
Minimum verification interval, $V_{\min}$	$E_{\max} / 15000$
Apportionment factor; $p_{LC}$	0.70

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 Organisation of Legal Metrology - OIML):

**R 60 Metrological regulation for load cells Edition: 2000 (E) for accuracy class : C4**

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.

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

The conformity was established by tests described in the associated:

Test report: 08/34505217/L having 29 pages (issued by LGAI)

Note: Model BS-26 is compatible with the CP8 model as detailed in the test report.

Issuing authority

CIML member



Mr G Stones  
for NWML



Mr P Mason

Date 11 March 2011

Ref: TS13/0005

**Essential technical data**

<i>Model designation</i>	<i>Designation</i>	<i>Value</i>	<i>Units</i>
Classification		C4	
Additional marking		CH	
Maximum number of load cell verification intervals	$n_{LC}$	4000	
Maximum capacity	$E_{max}$	35	t
Minimum dead load, relative	$E_{min}/E_{max}$	0	t
Relative $V_{min}$ (ratio to minimum LC verification interval)	$Y = E_{max}/V_{min}$	15000	
Relative DR (ratio to minimum dead load output return)	$Z = E_{max}/(2*DR)$	4000	
Rated output		2	mV/V
Maximum excitation voltage		18	V DC
Input impedance (for strain gauge LCs)	$R_{LC}$	800	$\Omega$
Temperature rating		-10/+40	$^{\circ}C$
Safe overload, relative	$E_{lim}/E_{max}$	125	% F.S
Cable length (maximum)		15	m
Additional characteristics		4 or 6 wire (plus screen)	

**Certificate History**

<b>ISSUE NO.</b>	<b>DATE</b>	<b>DESCRIPTION</b>
R60/2000-GB1-11.01	11 March 2011	Type approval first issued
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