



Danish Agency for  
Trade and Industry  
Ministry of Business and Industry

Member State  
Denmark

OIML Certificate N°  
R60/1991-DK-00.02

## OIML CERTIFICATE OF CONFORMITY

### Issuing authority

Name:  
Address:

**Danish Agency for Trade and Industry**  
Dahlerups Pakhus  
Langelinie Allé 17  
DK-2100 Copenhagen Ø  
Denmark

Person responsible:

P. Claudi Johansen

### Applicant

Name:  
Address:

**Cardinal Scale Manufacturing Co.**  
203 East Daugherty St.  
Webb City, Missouri 64870  
U.S.A.

### Manufacturer

of the certified pattern:

**Cardinal Scale Manufacturing Co.**

### Identification

of the certified pattern:

**Shear beam, strain gauge load cell**  
**Type: LFB-xxxxyy**

Further characteristics are set out on page 2.

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):

**R60**  
**edition 1991 (E)**  
**for accuracy class C**

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.

Page 1. This certificate includes 2 pages

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The conformity was established by tests described in the associated test report N° DANAK-193262, that includes 10 pages and 1 annex (48 pages).

**The issuing authority**

Danish Agency for Trade and Industry

Date: 24. AUG. 2000

**The OIML member**

P. Claudy Johansen

Date: 24. AUG. 2000

**Characteristics:**

Type designation		LFB-xxxxy (Note 1)
Maximum capacity	$E_{max}$	100 kg upto 1000 kg
Accuracy class		C
Maximum number of intervals	$n_{max}$	3000
Factor	$p_{LC}$	0.7
Minimum verification interval	$v_{min}$	0.02 % $E_{max}$
Ratio of min LC verification interval	Y	5000
Minimum dead load output return	DR	0.016 % $E_{max}$
Safe overload limit	Lim	150 % $E_{max}$
Excitation voltage		2 mV/V +/-10%
Temperature range		-10°C / +40 °C

Note 1: xxx means Capacity, yy means Model.

**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 the associated test report is not permitted, though they may be reproduced in full.