



## OIML CERTIFICATE OF CONFORMITY

### Issuing Authority

Name: Centro Español de Metrología  
Address: C/ del Alfar, 2 - 28760 Tres Cantos - Madrid (Spain)  
Person responsible: Agustín Falcón. Head of weighing division

### Applicant

Name: THAMES SIDE SENSORS, LTD  
Address: Unit 10 - io Trade Centre  
Deacon Way – Reading - Berkshire – United Kingdom  
Manufacturer of the certified type is the applicant

### Identification of the certified pattern: Strain gauge compression load cell

<i>Model designation</i>	<b>T34</b>
Maximum capacity ( $E_{max}$ )	(15, 20, 25, 30, 40, 60) t (*)
Accuracy class	C3 - C4
Maximum number of load cell verification intervals, $n_{LC}$	3 000 – 4 000
Minimum verification interval ( $V_{min}$ )	$E_{max} / 10\ 000$
Apportionment factor ( $P_{LC}$ )	0,7

(\*)There may be other nominal charges between  $15\ t \leq E_{max} \leq 60\ t$  and  $n_{LC} \leq 4\ 000$  respecting the metrological and construction described in the technical documentation

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

R 60 *Metrological regulation of load cells* Edition 2000 (E) for accuracy class C

This certificate relates only to the metrological and technical characteristics of the type of instrument covered by the relevant OIML Recommendation identified above.

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

The conformity was established by the results of test and examinations provided in the associated Test Report:

No.- IT-130161001 that includes 4 pages.

**The Issuing authority and CIML Member**



Dr. Fernando Ferrer Margalef  
Director of CEM

Tres Cantos, 6 May 2013

Additional characteristics

<i>Model designation</i>	<b>T34</b>
Temperature limits	-10 °C / +40 °C
Humidity symbol	CH
Rated output	(2 ± 0,4) mV / V
Impedance input (R <sub>L,C</sub> )	(800 ± 100) Ω
Minimum dead load (E <sub>min</sub> )	0 kg

*Important note:* Apart from the mention of the certificate's reference number and the name of the OIML Member State in which the certificate is issued, partial quotation of the certificate and of the associated test report is not permitted, although either may be reproduced in full.