Physikalisch-Technische Bundesanstalt

Braunschweig und Berlin

Member State of OIML
Germany

OIML Certificate No.
R60/2000-DE1-11.02

OIML CERTIFICATE OF CONFORMITY

Issuing Authority

Name:	Physikalisch-Technische Bundesanstalt
Address:	Bundesallee 100, 38116 Braunschweig
Person responsible:	Dr. Dirk Ratschko

Applicant

Name:	TAM TARTI SISTEMLERI SAN. TIC. LTD. STI.
Address:	Sk. No: 18, 56155 Camdibi-Izmir Türkei

Manufacturer of the certified type is the applicant.

Identification of the certified type

Strain gauge double bending beam load cell

Type: UDA

Further characteristics see page 2

This Certificate attests the conformity of the above identified type (represented by the sample or samples identified in the associated Test Report) with the requirements of the following Recommendation of the International Organization of Legal Metrology (OIML):

R60, edition 2000
for accuracy class C3

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.

R3-0033

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

No. 1.12-4050130-1 that includes 22 pages

An OIML Basic Certificate has been issued, because the Test Report mentioned above is based on measurements performed before September 2009 (acceptance of PTB as issuing participant in the DoMC R60).

The Issuing Authority **The CIML Member**

Dr. D. Ratschko
Head of Department

28.03.2011

Dr. R. Schwartz
Head of Division

28.03.2011

The load cells of the series UDA are double bending beam load cells made of aluminium. The strain gauge application is potted.

The metrological characteristics for application in approved weighing instruments are listed in table 1.

Table 1: Essential data

Accuracy class			C3
Maximum number of load cell intervals	n_{LC}		3000
Rated output		mV/V	2
Maximum capacity	E_{max}	kg	150 / 200 / 250 / 300 / 500 / 750
Minimum load cell verification interval	v_{min} = (E_{max} / Y)		E_{max} / 15000
Minimum dead load output return	DR = (½ E_{max} / Z)		½ E_{max} / 5000

Dead load: 0%·E_{max}; Safe overload: 150%·E_{max}; Input impedance: 404 Ω; Fraction: p_{LC} = 0.7

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.