



Physikalisch-Technische Bundesanstalt  
Braunschweig und Berlin

**OIML Member State**  
Germany

**OIML Certificate No.**  
R60/2017-A-DE1-2022.01

**OIML CERTIFICATE ISSUED UNDER SCHEME A**

**OIML Issuing Authority**

Name: Physikalisch-Technische Bundesanstalt,  
Conformity Assessment Body  
Address: Bundesallee 100, 38116 Braunschweig, GERMANY  
Person responsible: Dr.-Ing. Prof. h. c. Frank Härtig

**Applicant**

Name: Group Four Transducers, Inc.  
Address: 22 Deer Park Drive, 01028 East Longmeadow USA

**Manufacturer**

Name: 3 S Fabrications (Pvt) Ltd  
Address: Venus Mills, Etiyawela, Daluwela, 61130 Dankotuwa, Sri Lanka Sri Lanka

**Identification of the certified type** *(the detailed characteristics will be defined in the additional pages)*

Load cell  
Type: ZQA

**Designation of the module** *(if applicable)*

Analog load cell

This OIML Certificate attests the conformity of the above identified type (represented by the sample(s) identified in the OIML type evaluation report) with the requirements of the following Recommendation of the International Organization of Legal Metrology (OIML):

OIML R 60

Edition (year): 2017

For accuracy class (if applicable): C3

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

This OIML Certificate does not bestow any form of legal international approval.

The conformity was established by the results of tests and examinations provided in the associated OIML type evaluation report:

No. 1.12-4107998 dated 02.06.2022 that includes 6 pages

The technical documentation relating to the identified type is contained in documentation file:

No. ZDS-R60/2017-A-DE1-2022.01 dated 02.06.2022 that includes 2 pages

**OIML Certificate History**

Revision No.	Date	Description of the modification
---	02.06.2022	Initial issuing

Identification, signature and stamp

**The Issuing Authority**

  
Daniela Marencke

Member of Conformity Assessment Body

Date: 02.06.2022



Table 1: Essential data

Accuracy class		C3
Max. number of load cell intervals $n_{LC}$		3000
Maximum capacity $E_{max}$	kg	20, 50, 100
Minimum load cell verification interval	$V_{min} = (E_{max} / Y)$ 1)	$E_{max} / 12000$

Minimum dead load:  $0\% \cdot E_{max}$ ; Safe overload:  $150\% \cdot E_{max}$ ;

*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 OIML type evaluation report(s) is not permitted, although either may be reproduced in full.

