



Physikalisch-Technische Bundesanstalt
Braunschweig und Berlin

OIML Member State
Germany

OIML Certificate No.
R60/2021-A-DE1-24.04

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

Manufacturer

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

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

Load cell
Type: HLF-4001b

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): 2021

For accuracy class (if applicable): C3

**OIML Certificate No.
R60/2021-A-DE1-24.04**

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. KBS 2 4.3 TER 06.02.03/0348#0001-0033 dated 22.10.2024 that includes 6 pages

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

No. ZDS-R60/2021-A-DE1-24.04 dated 22.10.2024 that includes 2 pages

OIML Certificate History

Revision No.	Date	Description of the modification
0	22.10.2024	Initial issuing

Identification, signature and stamp

The Issuing Authority



Dr.-Ing. Oliver Mack

Member of Conformity Assessment Body

Date: 22.10.2024

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.

ANNEX B

Model designation			
Maximum capacity	E_{\max}	kg	180
Accuracy class		-	C3
Maximum number of load cell intervals	n_{LC}	-	3.000
Minimum load cell verification interval	$v_{\min} = (E_{\max} / Y)$	a)	$E_{\max} / 12.000$
Apportionment factor	p_{LC}	-	0,7

a) Minimum dead load: $0\% \cdot E_{\max}$; Safe overload: $200\% \cdot E_{\max}$