

CALIBRATION CERTIFICATE RETAIL CALIBRATION CALIBRATION CERTIFICATE RETAIL CALIBRATION CALIBRA

No. 05-2022-FORC-0132 (1132)

Date of Calibration: December 19, 2024 her 19, 2024

Calibration Item: Tensile Testing Machine Testing Machine

Capacity 100 lbf

: 100 lbf

Measurement Range: 0 to 90 lbfbf to 90 lbf

Resolution 0.01

: 0.01 lbf

Make / Model Yuelian / STS-100kglian / STS-100kg

Serial No.: J974953; 14143 (Indicator) 3; 14143 (Indicator)

Customer: MANILA CORDAGE COMPANYA CORDAGE COMPANY

No. 116 Progress Ave., Carmelray Industrial Park I Canlubang, Calamba City, Laguna, Laguna

MEASUREMENT RESULTS:

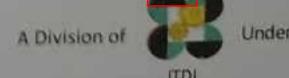
Applied Force Applied Force Applied Force 90.0 40.0 60.0 80.0 2	Force Indicated Force 20.0 0.0 lbf Indicated Force 40.4	Expanded	Measurement	Repeatability Relative Error Repeatability 0.12 0.39 % Measurement Relative Err
lbf	lbf lbf	%	% %	%
0.0	0.0	0.00	0.00	0.00
20.0	20.2	0.89	-1.12	1.37
40.0	40.4	0.16	-1.11	0.22
60.0	60.7	0.12	-1.18	0.16
80.0	81.0	0.39	-1.21	0.63
90.0	91.1	0.31	-1.19 -1.19	0.49

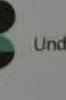
UNCERTAINTY OF MEASUREMENT: REMENT:

The uncertainty stated is the expanded uncertainty obtained by multiplying the standard multiplying the standard uncertainty by the coverage factor k = 2.1t has been determined in accordance with the "JCGM dance with the "JCGM 100:2008 Evaluation of measurement data. Guide to the Expression of Uncertainty in measurement", The value of the measurand lies within the assigned range of values with a probability of approximately 95%. ly 95%.

NATIONAL METROLOGY LABORATORY OF THE PHILIPPINES Page | of 2 A Division of Under Metrology Building, DOST Compound, Gen, Santos Avenue Bicutan, Taguig City, Metro Manila 1631 Philippines Telefax: +63 2 8683 7750 to 69 local 2272

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or -1.12 -1.18 -1.21 -1.19 0.00 % Repeatability Relative

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