

## CALIBRATION CERTIFICATE No. 05-2022-FORC-0132 No. 05-2022-FORC-0132

Date of Calibration: December 19, 2024 Calibration Item Tensile Testing Machine Capacity > 100 lbt Measurement Range: 0 lbf to 90 lbf Resolution 0.01 Make / Model > Yuelian / STS-100kg Serial No.: 14143 (Indicator) Customer: MANILA CORDAGE COMPANY No. 116 Progress Ave., Carmelray Industrial Park I Canlubang, Calamba City, Laguna

: Tensile Testing Machine Calibration Item

Capacity 100 lbf

Measurement Range: 0 lbf to 90 lbf

Resolution : 0.01 lbf

Make / Model : Yuelian / STS-100kg

: J974953; 14143 (Indicator) Serial No.

: MANILA CORDAGE COMPANY Customer

No. 116 Progress Ave., Carmelray Industrial Park I

Canlubang, Calamba City, Laguna

## MEASUREMENT RESULTS: 1 FNT RESULTS:

Applied Indicated Force For	· Indicated Force	Relative Relative Relative Expan  Expanded  Uncertainty	ded Measurement   Repeatability Uncer Relative Measurement Error	Repeatability  Error
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	0.49

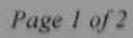
## UNCERTAINTY OF MEASUREMENT; OF MEASUREMENT:

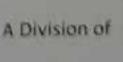
The uncertainty stated is the expanded uncertainty obtained by multiplying the standard uncertainty obtained by multiplying the standard uncertainty obtained by multiplying the standard uncertainty by the coverage factor k = 2. It has been ¢ 100:2008 Evaluation of measurement data- Guide to the Expressi 1in the assigned range of values with accordance with the 100:2008 Evaluation of measurement data- Guide to the Expression of Uncertainty in measurement?, The value of the measurand lies wit probability of approximately 95% neasurand lies within the assigned range of values with a probability of approximately 95%.



Metrology Building, DOST Compound, Gen, Santos Avenue Tro DOsT Bicutan, Taguig City, Metro Manila 1631 Philippines

Website: www.nml.gov.ph









Telefax: +63 2 8683 7750 to 69 local 2272 Website: www.nml.gov.ph This report shall not be reproduced in any form, except in full, without written approval 0 ii 3 5 Bey of the National Metrology Laboratory, Industrial Technology Development Institute.