

## CALIBRATION CERTIFICATE R TITLE A TIE

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

Date of Calibration December 19, 2024 () 24

Calibration Item Tensile Testing Machine

100 lbf Capacity

Measurement Range 0 lbf to 90 lbf 11 f

Resolution 0.01 lbf

Yuelian / STS-100kg 00kg Make / Model del

Serial No. : J974953; 141433(Indicator)(tor)

MANILA CORDAGE COMPANY OMPANY Customer

No. 116 Progress Ave., Carmelray Industrial Park I

Canlubang, Calamba City, Laguna, Laguna

## MEASUREMENT RESULTSSULTS:

Applied Force Applied Force 90.0 40.0 60.0 80.0 2	Indicated Force 20.0 0.0 lbf === Indicated Force	Relative Expanded  51.1 4J.4.587523.20136 Unce	Relative Measurement rtainty Expanded Relative 0:00 0.89	Relative Repeatability 0.16 0.12 0.39 0.31 % Measurement R
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

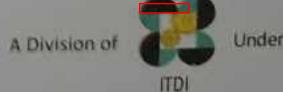
## UNCERTAINTY OF MEASUREMENT; REMENT:

The uncertainty stated is the expanded uncertainty obtained by multiplying the standardy multiplying the standard uncertainty by the coverage factor  $k \neq 2$ . It 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%.

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This report shall not in any form, full, without written approval of the National Metrology Laboratory, Industrial Technology Development institute.







ative Error -1.18 -1.19 0.00 % Repeatability Relative E

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