**Mark-10 Corporation**
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MARK-10

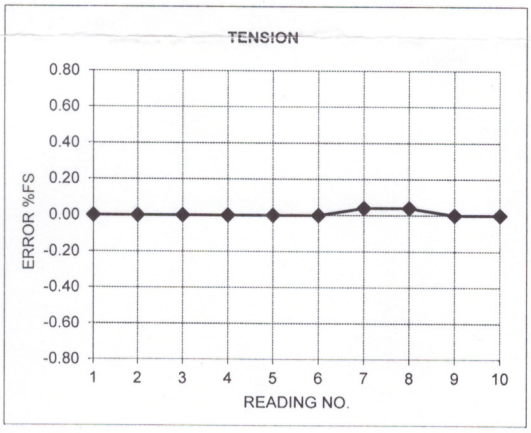
# CERTIFICATE OF CALIBRATION

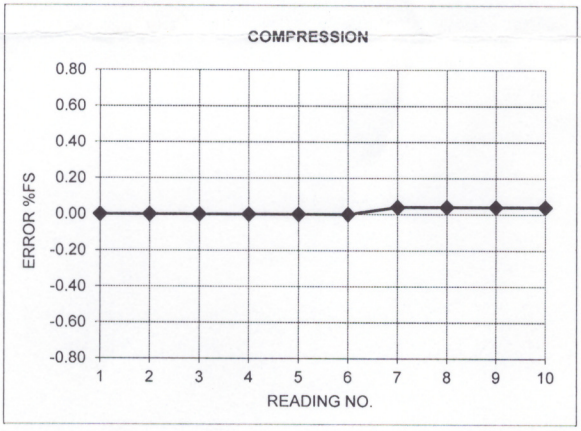
## LONG FORM

| | |
|---|---|
| MODEL NO. | FS05-500 |
| SERIAL NO: | 4317103 |
| DESCRIPTION: | FORCE SENSOR |
| CAPACITY: | 500 LBF |

| | |
|---|---|
| TEMPERATURE (°F): | 69.0 °F |
| RELATIVE HUMIDITY (%): | 42% |
| TOLERANCE (±%FS): | 0.1 |
| RESOLUTION: | 0.2 |

| READING NUMBER | MASTER READING | TENSION | ERROR %FS | COMPRESSION | ERROR %FS |
|---|---|---|---|---|---|
| 1 | 50.0 | 50.0 | 0.00 | 50.0 | 0.00 |
| 2 | 100.0 | 100.0 | 0.00 | 100.0 | 0.00 |
| 3 | 150.0 | 150.0 | 0.00 | 150.0 | 0.00 |
| 4 | 200.0 | 200.0 | 0.00 | 200.0 | 0.00 |
| 5 | 250.0 | 250.0 | 0.00 | 250.0 | 0.00 |
| 6 | 300.0 | 300.0 | 0.00 | 300.0 | 0.00 |
| 7 | 350.0 | 350.2 | 0.04 | 350.2 | 0.04 |
| 8 | 400.0 | 400.2 | 0.04 | 400.2 | 0.04 |
| 9 | 450.0 | 450.0 | 0.00 | 450.2 | 0.04 |
| 10 | 500.0 | 500.0 | 0.00 | 500.2 | 0.04 |




We hereby certify that the above instrument was calibrated according to procedures traceable to the National Institute of Standards & Technology (NIST). One or more of the below listed NIST traceability numbers apply:

1203822-0104 20105-Q05
20428-U11

By: BL

Date: 3/3/23