

# CERTIFICATE OF CALIBRATION

## HERCULES SIZING TESTER

**MODEL AND SERIAL NUMBER: TAF-310**

**Silver HST – New**

**Master Tile Reading: Green Tile: 44.2%**  
**Ideal Reading: 45.0%**

***This Instrument's Tiles: Green Tile Linearity Tolerance:***  
***This Instrument's Tiles Are Marked: TAF-310 W71 G71***  
***Initial Reading: 43.7%***  
***Acceptable Range On This HST: 43.2%- 45.2%***

THE ADERHOLD FIRM certifies that as of this date, the above instruments meets or exceeds the precision specifications as published in TAPPI method T-530. The tile values shown above are for this instrument when using this set of tiles. Use of these tiles on another instrument or use of other tiles on this instrument will most likely result in different tile values.

This instrument as well as supplied calibration tiles have been verified against a set of master tiles. The master tiles are not NIST traceable. The sole purpose of the master tiles is to tie all instruments to a single reference point. The supplied calibration tiles are not known to change over time with normal use. However, it is recommended that the instrument and its respective tiles be returned for calibration at least every two years. Instrument precision has been verified against six laboratory instruments whose test results were averaged to provide a reference for comparison. They were tested with laboratory standard samples on paper supplied by Collaborative Testing Services as part of the CTS-TAPPI collaborative testing program.

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(Signed)

October 14, 2014

(Date)