JN 20172297 - BOYA CALIBRATION. File Ref: 10404-2010.
Date: 04/08/2020.
Test: 48. (Apr 2020).
WEATHER: FINE & SUNNY.

Landgate

BOOKING SHEET FOR BOYA RANGE BARCODE STAFF CALIBRATION

1) LEVEL BUBBLE CHECKED? (Circle one) (YES)/NO ADJUSTED? YES/(NO)

2) STAFF BUBBLE CHECKED? (Circle one) (YES)/NO ADJUSTED? YES/(NO)

3) COLLIMATION TEST OF DIGITAL LEVEL

See Boya Range plan for location of collimation test spikes 1- 4

Use instrument internal software to calculate and store collimation constants

* SN702272 level used for range calibration.

DATE/TIME	8/4/2020 9:07 AM	8/4/2020 9:17. AM.		
INSTRUMENT MAKE/MODEL SERIAL #	LEICA LS15 SN 702272.	LEICA LS15 SN: 702036		
STAFF MAKE/MODEL SERIAL#	INVAR STAFF #26296.	INVAR STAFF #26296		
COLLIMATION DIFFERENCE	-2.9". OLD:-21.0" NEW:-23.9"	5.0" OLD:-21.6" NEW:-16.6"		
ACCEPT?/STORE?	YES	YES.		

RETICLE: 1.69868. RETICLE: 1.65529.

4) RANGE OBSERVATION DETAILS

See Boya Range plan for location of Pillar MV 83 and Pins 1- 21

Set digital level to record most precise readings with multiple observations, means and standard deviations if possible. Shade instrument unless overcast.

Book field information in these tables to complete documentation for calibration.

Observe a BS on Pin 1, IS on Pins 2-20 and a FS on Pin 21 for 1 complete set for a 4 m staff.
Observe a BS on Pin 1, IS on Pins 2-14 and a FS on Pin 15 for 1 complete set for a 3 m staff.

If instrument can't mean multiple observations, do at least 3 complete sets for redundancy.

DATE/TIME	8/4/2020 9:25AM.	8/4/2020 9:47AM.		
TEMPERATURE START/FINISH	ST: 29.2°C. FIN: 29.3°C	ST: 29.8°C. FIN: 31.1°C.		
INSTRUMENT MAKE/MODEL SERIAL #	LEICA LS15 #26296	LEICA LS15 #26296.		
STAFF MAKE/MODEL SERIAL#	INVAR STAFF	INVAR STAFF.		
#OBS FOR MEAN (minimum 5)	10	10.		
NUMBER OF SETS	1	1		

pin# 1-15 pin# 7-21.

I certify that the above observations were made by me at the Boya barcode staff calibration range.

SURVEYOR..... V.UNG

DATE..... 8/4/2020

pin 1 100.000.
pin 21. 96.19644.
Δ 3.80356