

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

DATE/TIME	1/8/2019 9:00 AM.	ST TEMP: 14.1 °C 13.2 °C.		
INSTRUMENT MAKE/MODEL SERIAL #	LEICA LS 15 SN 702272			
STAFF MAKE/MODEL SERIAL#	INVAR STAFF #26296			
COLLIMATION DIFFERENCE	- 5.4"	OLD: -8.2" NEW: -13.6"		
ACCEPT?/STORE?	Yes.	RETICLE: 1.65527		

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	1/8/2019 9:30 AM.	1/8/2019		
TEMPERATURE	LEICA LS 15	LEICA LS 15		
START/FINISH	SN 702272	SN 702272		
INSTRUMENT MAKE/MODEL SERIAL #	INVAR STAFF #26296.	INVAR STAFF #26296.		
STAFF MAKE/MODEL SERIAL#	TEMP: ST: 14.6°C 14.9°C FIN: 15.1°C	ST TEMP: 16.6°C FIN TEMP: 16.8°C		
#OBS FOR MEAN (minimum 5)	10 .	10		
NUMBER OF SETS	1	1		

#1-15

#7-21

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

SURVEYOR..... V. UNG.

DATE..... 1/8/2019.

pin 1 100.00000
pin 21 96.19709.
△ 3.80291.