

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 YES.

WEATHER: FINE & SUNNY.

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

Use instrument internal software to calculate and store collimation constants

DATE/TIME	2/05/2019 10:58 AM.			
INSTRUMENT MAKE/MODEL SERIAL #	LEICA LS15 SN 702272			
STAFF MAKE/MODEL SERIAL#	INVAR STAFF (WILD GPL3) #26296.			
COLLIMATION DIFFERENCE	-3.1"	OLD -8.7" NEW -11.8"		
ACCEPT?/STORE?	Yes.	RETICLE 1.67063.		

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.

NOTE: TEMP
CORR -0.3°C.

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	02/05/2019 11.21 AM.	02/05/2019 11.54 AM.		
TEMPERATURE START/FINISH	ST: 16.3°C FIN: 16.8°C (16.55°C)	ST: 17.2°C FIN: 17.4°C (17.3°C)		
INSTRUMENT MAKE/MODEL SERIAL #	LEICA LS15 SN 702272	LEICA LS15 SN 702272.		
STAFF MAKE/MODEL SERIAL#	INVAR STAFF #26296	INVAR STAFF (WILD GPL3) #26296		
#OBS FOR MEAN (minimum 5)	10	10		
NUMBER OF SETS	/	/		

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..... 2/5/2019.
pin 1 100.00000
pin 21 96.19704
Δ. 3.80296

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 YES.

See Boya Range plan for location of collimation test spikes 1- 4
n=10.

WEATHER: FINE & SUNNY.

Use instrument internal software to calculate and store collimation constants

Temp: 16.5°C

DATE/TIME	02/05/2019. 10.37am.			
INSTRUMENT MAKE/MODEL SERIAL #	LEICA LS 15. SN 702036.			
STAFF MAKE/MODEL SERIAL#	INVAR STAFF (WILD GPL3). # 26296			
COLLIMATION DIFFERENCE	-4.1"	OLD -7.0" NEW -11.2"		
ACCEPT?/STORE?	YES.	RETICLE 1.68085.		

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				
TEMPERATURE START/FINISH				
INSTRUMENT MAKE/MODEL SERIAL #				
STAFF MAKE/MODEL SERIAL#				
#OBS FOR MEAN (minimum 5)				
NUMBER OF SETS				

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

SURVEYOR.....V. UNG......
DATE.....2/5/2019......

NOTE: CHECK & ADJUST
+ 2 peg test
ONLY.

INSTRUMENT SN702036
CHECK & ADJUSTED
2/5/2019.