



BOYA RANGE CALIBRATION JN 20192297.

Ref 10404-2010 Weather: Fine Windy.

BOOKING SHEET FOR BOYA RANGE BARCODE STAFF CALIBRATION

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

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

	IUESDAY		
DATE/TIME	12/5/2020 9:27 AM	Temp: 18.1°C.	
INSTRUMENT MAKE/MODEL	LEICA LSIS		
SERIAL#	# 702272		
STAFF MAKE/MODEL SERIAL#	INVAR STAFF # 26296		
COLLIMATION DIFFERENCE	-1.2"	01d: -23,9" New: -25,1"	
ACCEPT?/STORE?	YES	Diff: -1.2" Reticle: 1.66897	

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.

		12/2/5	
DATE/TIME	12/5/2020	12/5/2020	
	TIME: 9.46 AM	TIME: 10: 14AM.	
TEMPERATURE	ST: 19.7° , 18.7°	ST: 19.18, 18,82.	
START/FINISH	FIN: 18.7°C, 18.3°C	FIN:19.2°C, 19.0°C	
INSTRUMENT	LEICA LS/5	LEICA LS15	
MAKE/MODEL			
SERIAL#	SN 702272	SN 702272.	
STAFF	INVAR STAFF	INVAR STAFF	
MAKE/MODEL			
SERIAL#	#26296.	# 26296	
#OBS FOR MEAN		10	
(minimum 5)	10	/0	
NUMBER OF SETS	,	,	
		/	

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

SURVEYOR. V.UNG.	pin 21	96.19681.
DATE 12/5/2020	۵	3.80319.