

Royal Government of Bhutan National Land Commission Secretariat Department of Survey and Mapping Cadastral Information Division



Cadastral Field Book for TS Surveying

1. Survey Information

Dzongkhag: Gewog/Thromde:	
Thram No: Transaction ID:	
Plot No:	
Surveyor:CID No.:	
Date of Survey:	

2. Instrument Information

Instrument Model:	Serial no:
Prism Type:	Prism constant (mm):
Calibration date:	Certificate no:
Scale Factor:	

3. Reference Station Information

Occupied Station		RO	Station		
Station	Instrument height (m)			Prism height (m)	
	Easting (m)			Easting (m)	
	Northing (m)			Northing (m)	
	Elevation (m)			Elevation (m)	
	Instrument height(m)			Prism height (m)	
	Easting (m)			Easting (m)	
	Northing (m)			Northing (m)	
	Elevation (m)			Elevation (m)	
	Instrument height(m)			Prism height (m)	
	Easting (m)			Easting (m)	
	Northing (m)			Northing (m)	
	Elevation (m)			Elevation (m)	
	Instrument height(m) Easting (m)			Prism height (m)	
				Easting (m)	
	Northing (m)			Northing (m)	
	Elevation (m)			Elevation (m)	

4. Measurement from Occupied station to RO Station

Occupied Station	RO Station	Face I	Face II		
		Hz angle (DMS)	Hz angle (DMS)		
		V angle (DMS)	V angle (DMS)		
		Hz distance (m)	Hz distance (m)		
		Hz angle (DMS)	Hz angle (DMS)		
		V angle (DMS)	V angle (DMS)		
		Hz distance (m)	Hz distance (m)		
		Hz angle (DMS)	Hz angle (DMS)		
		V angle (DMS)	V angle (DMS)		
		Hz distance (m)	Hz distance (m)		
		Hz angle (DMS)	Hz angle (DMS)		
		V angle (DMS)	V angle (DMS)		
		Hz distance (m)	Hz distance (m)		

***Hz-Horizontal angle, V-Vertical angle and Hz Distance-Horizontal distance

Note: Use additional sheet if required.

5. Check Points

List the station(s) or marker (s) or any other occupations used to check accuracy prior to cadastral surveying.

	Known Co	ordinates	Measured Coordin	nates	Difference		
Point ID	Easting (m)	Northing (m)	Easting (m) Northing (m)		Easting (m)	Northing (m)	

6. Traverse Information

Fill in this sheet if control points are established through Traverse.

		Observe	d Coordinates		Instrument Height (m)			Remarks		
SI No	Station	Easting (m)	Northing (m)	Elevation (m)	RO	Occupied	New station	(State Hz and vertical angles, Hz distance)		
						_				

Sketch of Traverse Length

7. Point Identifiers

Ground features or occupations which are not captured in the cadastral map must be updated while demarcating or sub-diving plot. Features can be within or adjacent to the plot. Not updating is categorized as minor non-conformance as per the section 13 (B) of the cadastral audit guidelines, 2022.

Starting Point Id Closing Point Id Feature Code Pole (m) Remarks					
Starting Point in Peature code Pole (iii) Remarks	Starting Doint Id	Closing Doint Id	Footure Code	Ht. of Prism	Domorko
	Starting Fornt Iu	closing Folit Iu	reature coue	I the (m)	Relial KS
	I				

Dzongkhag: Gewog/Thromde:

Note:

- Surveyor must use additional sheet in case single sheet is not enough.
- Surveyor must sign on every page of this field book.

Surveyor (Dated Signature)