

FRAMEWORK FOR THE COMPILATION
OF SURVEY REPORT FOR VERIFICATION OF SURVEY CONTROL

1. **SURVEY PROJECT DESCRIPTION**
2. **SURVEY PROJECT NUMBER**
3. **SURVEYED BY** *(Name of organisation that performed the survey)*
4. **DESCRIPTION OF THE PROJECT**
 - 4.1 Locality of the survey area
 - 4.2 Terrain type description
 - 4.3 Date and duration of the survey
 - 4.4 Surveyors involved *(Names, qualifications and registration numbers).*
5. **EXECUTION OF THE SURVEY PROJECT**
 - 5.1 Instrumentation and equipment used
 - 5.2 Detail description of methodology applied
 - 5.2.1 Horizontal verification including orientation and calibration results as well as beacons used to do the calibration
 - 5.2.2 Vertical verification including levelling results as per Annexure 13
 - 5.3 Problem situations and solving of problems
 - 5.4 Survey projection system and height datums used to verify the existing survey

6. VERIFICATION RESULTS

6.1 Accuracies (General discussion on the accuracies found through the verification survey)

6.1.1 Horizontal accuracies: Comments on beacon verification survey results and supply a list of the out of tolerance beacons showing the beacon numbers, dy and dx errors. (Also attach a spread sheet as per Annexure 14.2 to this report).

6.1.2 Vertical accuracies: Comments on beacon verification results and supply a list of the out of tolerance beacons showing the dz errors. (Also attach a spread sheet as per Annexure 14.2 to this report).

6.1.3 Beacon construction status: Supply a list of beacon numbers not conforming to the requirements. General comments on beacons quality and appearance. (Also attach spread sheet as per Annexure 14.1 and provide photos to prove the non-compliance of the beacons.

7. RECOMMENDATIONS

(The Surveyor must make a recommendation indicating whether these beacons and their values are acceptable for future use. If no such a recommendation can be made the Surveyor has to advise the Client on actions to be taken in order to rectify the quality and/or accuracy of the control).

8. RECORDS

(List all records submitted to the Client and indicate the format of digital data supplied. All new survey data and reductions shall be supplied.)

9. GENERAL INFORMATION

(Supply any other information that the surveyor wants to bring to the attention of the Client, which is not mentioned elsewhere in this report.)

SIGNATURE

Printed Name

Designation

Plato Registration Number

Date

NOTE: *This report can be supplemented with photographs and binded into the hard copy job file.*