

Tape Corrections

Civil Engineering

What a measured length still needs.

Each correction carries a sign. Reversing one doubles the error.

Correction	Applies when
Standardisation	Tape is not its nominal length
Slope	Measured along sloping ground
Temperature	Field differs from standard temperature
Tension	Pull differs from standard pull
Sag	Tape hangs free between supports
Sea level and scale	Reducing to the projection grid

Educational reference. Correction formulae and standard conditions come from the tape's calibration certificate.