SUSPENSION CONVERGENCE INDICATOR

Construction

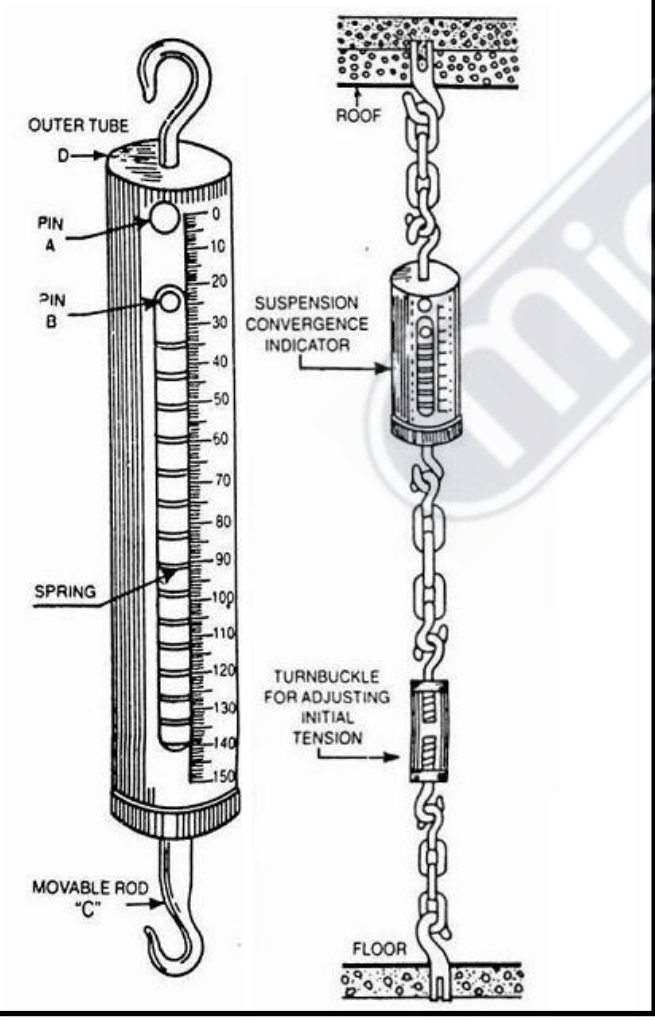
Consists of an outer non-rusting tube, on this tube a scale is graduated with 1 mm least count by etching operation. The scale does not fade because of etching.

It also consists of two pins 'A' & 'B' Pin 'A' is fixed to outer tube 'D' and other pin 'B' on movable rod 'C', Points between roof and floor is fixed by grouted stations.

Observation

Initial setting of instrument is done by chain through turn-buckle Distance between two pins is measured by vernier calliper to an accuracy of 0.02 mm.

The instrument is simple and retains its original position even when disturbed because of high tension spring.



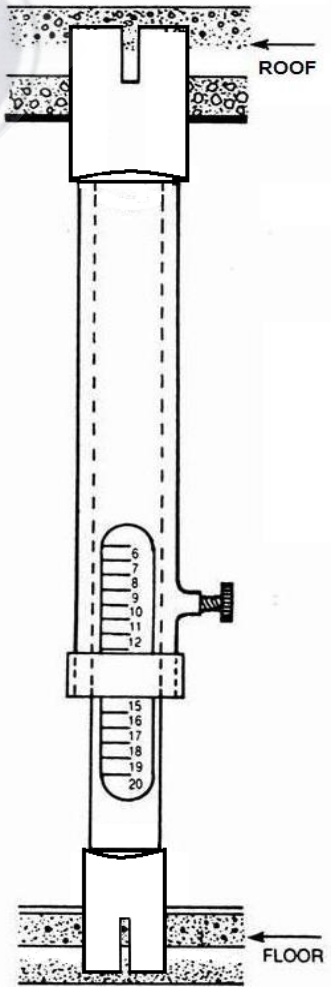
TELESCOPIC CONVERGENCE INDICATOR

Construction

It consists of an outer non-rusting tube inside which a close fitting rod slides. On this rod a scale is graduated with 1 mm least count by etching operation. The scale does not fade because of etching.

Observation

To, measure the convergence between roof and floor, stations are fixed by means of grouted stations:' Instrument is fixed between these two stations and reading is taken against outer tube up to an accuracy of 1 mm. One instrument is sufficient for several stations and there is no like hood of stations being disturbed by movement of machinery etc.



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