

The invention relates to processes for controlling the position of the high-altitude structures on flexible guys, for example, of the television, radio masts etc.

The process for controlling the guy tightening forces and the vertical position of high-altitude structures on flexible guys by means of tightening devices consists in that preliminarily there are installed stationary bearing signs for theodolite fixation, it is determined the verticality of the structure, there are determined by calculation the tightening forces in the guy, taking into account the reduced temperature, there are measured the tightening forces in the guy in real conditions and there are controlled the tightening forces in each guy by correcting the length thereof. The stationary bearing signs are installed under the guys in the vertical plane of their placement, the theodolite is fixed into the bearing signs so that its optical ray may be oriented tangentially to the sagging part of the guy, it is measured the slope value of the tangent and the ambient temperature in real conditions, then according to the measured values there are calculated the total values of corrections for each guy. The correction of the guy lengths according to the value of calculated corrections for each guy is carried out with the observance of the determined by calculation succession of the guy correction.

Claims: 1

Fig.: 1