

## **Annotation**

During the course of pre-diploma practice I got acquainted with most of the directions of activity of OJSC "Meridian" them. SP Koroleva, namely:

1. Nonlinear distortion meters
2. Counters of direct inclusion
3. Unmanned aerial vehicles (UAV - MP - 1)
4. Frequency meters
5. Anemometer

I was able to observe the complete process of manufacturing products. He got acquainted and made a comparison with foreign samples of the latest products (UAV- MP - 1, etc.).

Two models of UA ChZ-101 and UA ChZ-79M were considered when working with frequency meters. The research work on analogue searches has been conducted. From the more expedient, for comparison Russian analogue Agilent Technologies 5348A was taken. Which is similar in characteristics but has certain omissions in the design.

When working with counters, several options were also considered: Single-phase and three-phase meters. Their specifications were provided in the form of tables.

Work was underway to develop and improve an anemometer, where I compared the old models and more modern foreign analogues.