

5.3.1. COATING THICKNESS MEASURES FOR VERIFICATION OF THICKNESS METERS

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Vetting of coating thickness meters is conducted according to requirements of the national standard 8.502-84 “SEUM. Coatings thickness meters. Methods and means of vetting”. The basic means of vetting are gauges of coatings thickness.

In FGUP “VNIIMS” development types of gauges sets of thickness of nickel coatings on the aluminum alloy D16T has been developed and produced.

Production technology of the gauges set consists from the following operations:

- Production of measures basis and finishing of a work surface;
- measurement of deflection from flatness and unevenness of a work surface basis;
- special technology coating process;
- thickness measurement on gauges.