

ABSTRACT

Technology for applying conductive coatings on refractory metals

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EC – 91 mp Master's degree work, 2020 year, number of pages —104,

tables —29, drawings—13, source —16.

In master's degree dissertation the literary search of existent methods of causing of galvanic coverages is conducted on niobium and tantalum, the well-known examples of besieging are considered on an aluminium and titan, and also on refractory metals. Besieging of coverages of nickel and copper is carried out on niobium and tantalum at different terms and modes of electrolysis. Determination of durability of adhesion of galvanic coverages was conducted by quality methods. such as : by the method of bend and net of scratches. Polarization studies of the got coverages were undertaken in comparing to the ordinary nickel, by a copper, by niobium and tantalum

KEYWORDS: CURRENT-CARRYING COVERAGES, REFRACTORY METALS, VALVE METALS, NIOBIUM, TANTALUM.