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## **Plasma Surface Metallurgy of Non-ferrous Surface**

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The double glow plasma surface metallurgy technology, or Xu-Tec, has been continuously developing into many applications with the deeper and wider coverage. With the advancement of our modern industry, high demands for surface engineering technology have been put forward. The research and application of the Xu-Tec process of modern surface metallurgy technology in many non-ferrous materials have opened very broad development space in the future. This article introduces the research achievements in the surface alloying by the Xu-Tec process on non-ferrous materials, such as copper and its alloys, niobium, molybdenum, tungsten.

### **Keywords**

double glow plasma

non-ferrous

surface alloying