



Course: Machine building

1. **Name of innovative development:** Improvement of technology for the manufacture of materials for tribotechnical purposes from waste of machine-building production.
2. **Purpose and scope:** The solution of the scientific and production problem of rational use of waste of machine-building production by optimizing the composition and creation of materials for the manufacture of products of tribotechnical purposes - contacts, sliding sleeves for machines and household appliances.
3. **The main characteristics, the essence of development:** The technological scheme of utilization of slurry wastes of machine-building production is offered in order to get powder and tool steel and bearing cores from them, with improved technological characteristics of powders, manufacturing of details of constructive, tribotechnical and frictional purposes.
4. **Comparison with the world analogues, the main advantages of development:** New technological processes for manufacturing of details of constructional, tribotechnical and frictional purposes from industrial waste products are offered.
5. **The State of Intellectual property protection:** We received 1 patent of Ukraine for utility model.
6. **Demand on the market:** The results of the development can be used at the enterprises of mechanical engineering.
7. **Condition of development readiness:** The technology has undergone laboratory testing. The experimental samples of products are manufactured and their characteristics confirmed. Joint development of the development to the industrial level.
8. **Color illustrations, photo development:**



9. **Coordinators for communication:**
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