

## **ABSTRACT**

**on the topic: Development of technology for the production of a casting "Bearing cover" made of 25L steel and planning of the molding department of the foundry  
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The diploma project contains 78 pages, 32 tables, 8 figures, 8 references.

The object of design is the technological process of manufacturing a carbon steel casting "Bearing cover" weighing 8.9 kg by casting in disposable sand-clay molds. The subject of design - the technology of the mold and the organization of the molding department of the foundry. The design results are the development of molding technology for a given casting, technical planning of the molding department and the calculation of a unit of foundry equipment. Design results - can be recommended at foundries with a similar nature of production. Field of use - mechanical engineering, military, industrial complex, etc.

**BEARING COVER, SHAKING AND PRESSING MACHINE, FOUNDRY FORM,  
FORMING MIXTURE, MODEL PLATE, FORMING DEPARTMENT**