

ABSTRACT

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Development of technology for the production of "Mother" castings from gray cast iron CЧ15 and planning of the mixture preparation department of the foundry shop

The diploma project contains pages, 22 tables, 10 figures, 14 references.

The object of the design is the technological process of manufacturing a casting made of carbon steel "Matochyna" weighing 408 kg by casting in one-time sand-clay molds.

The subject of the project is the technology of the foundry mold and the organization of the work of the mixture preparation department of the foundry workshop.

The results of the design are the development of the foundry mold technology for the given casting, the technical planning of the molding department and the calculation of the foundry equipment unit.

The design results can be recommended at foundry enterprises with a similar nature of production.

Field of use – machine-building enterprises, military-industrial complexes, etc.

SHAKING AND PRESSING MACHINE, FOUNDRY MOLD, MOLDING MIXTURE, MODEL PLATE, MIXTURE PREPARATION DEPARTMENT