

ABSTRACT

Development of the manufacturing process of the "Suport" casting and the design of the rod department of the foundry complex

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Thesis project: 81 pages, 31 tables, 8 figures, 16 links.

In my graduation project, the object of design is the technological process of manufacturing cast iron from the material of the SM 15 brand "Suport," as well as the organization of the rod department.

Directly the subject of design is the technology of the foundry mold, as well as the organization of the rod department of the foundry.

Also, the results of the design were developed technologies of foundry mold, calculation of foundry equipment, as well as technical planning of the rod branch of the foundry workshop.

Thus, these design results can be recommended for introduction in the production of casting weighing up to 100 kg, medium complexity under the conditions of serial production.

Also, the branch of use in the graduation project of instrument engineering, mechanical engineering, military complex, etc.

**SUPPORT, CORE BLOWING MACHINE, FOUNDRY FORM,
MODEL BOTTOM PLATE, ROD BOX, CORE DEPARTMENT**