

ABSTRACT

Topic: "Technology of making castings from cast iron and planning the core of the foundry complex"

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Diploma project: 81 pages, 37 tables, 7 figures, 7 appendices.

Object of design - foundry technology of casting of gray cast iron "Cover" weighing 180.0 kg by casting in sand-clay molds.

The subject of design - the technology of manufacturing parts, the planning of the rod compartment.

The results of the design - the technology of the foundry mold was developed, the technical planning of the rod department and the foundry equipment was performed.

The diploma project contains basic economic calculations, as well as attention to environmental protection and improvement of sanitary and hygienic conditions of workplaces.

COVER, GRAY CAST IRON, MELTING TEMPERATURE, ALLOWANCES, MODEL EQUIPMENT, CORE, CUTTING METHOD, CORE BOX, FOUNDRY, FOUNDRY COMP