

ABSTRACT

«Development of the technological process of cast iron production casting "Stupitsa" and the organization of the core department of the foundry»
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Thesis project: 73 pages, 37 tables, 7 figures, 21 links.

Object of design - Technological process of making cast iron castings of Gray cast iron 15 brand "Hub" and organization of work of the rod department.

Subject of design - molding technology and organization of the rod department.

Design results - foundry technology developed, technical planning of the rod department and calculation of foundry equipment.

The design results can be recommended: for implementation in the production of castings weighing up to 100 kg, medium complexity in terms of mass production.

Field of use - mechanical engineering, instrument making, military-industrial complex, etc.

HUB, CORE BLOWING MACHINE, FOUNDRY FORM, MODEL PLATE, ROD BOX, CORE DEPARTMENT