

## **ABSTRACT**

Technology of manufacturing steel castings and planning of the rod section of the foundry complex

Yarema Ivan

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The object of design – the technological process of manufacturing a carbon steel casting “Brake pulley“weighing 20.5kg by casting in disposable sand clay molds.

The subject of desing- The technology of the mold and the organization of the molding department of the foundry.

Design results – the technology of the casting mold for a given casting is developed the technical planning of the molding department and the calculation of the unit of the casting equipment are performed.

Design results – can be recommended at foundries with a similar nature of production.

Field of use – enterprises of agricultural engineering military-industrial complex, etc.

**BRAKE PULLEY , FOUNDRY FORM, FORMING MIXTURE, MODEL PLATE,  
FORMING DEPARTMENT**