

PERFECTION OF TECHNOLOGICAL PREPARATION OF MANUFACTURE OF BLADES OF COMPRESSOR GTD ON THE BASIS OF USE OF PARAMETRICAL MODELS

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With the purpose of increase of competitiveness on the basis of through parametrization by authors new typical technological process of manufacturing of blades of the directing device of compressor TJ, a technique of designing of the industrial equipment including working elements of a stamp for manufacturing of preparations by high-speed punching, patterns for averaging an allowance on feather of the blade and the control, electrodes for the electrochemical progressing (ECM), the adaptation for turning processing the directing device in gathering are offered.

Complex researches the ECM heat resisting deformable CrNi-steel ЭП-517Ш (15X12H2МВФАБ-Ш) are lead. The offered technology pulse the ECM allows to receive details corresponding to requirements of the drawing both in the sizes, and on quality of a superficial layer.

Technique, blade, parameter-oriented model, analysis, machine work

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