производственной линии, что привело к повышению количества годных изделий с 85 % до 98 %, и сократить этап ремонта после автоматического монтажа на 25 %.

Как следствие, повысилась скорость выполнения заказа, что привело к сокращению срока производства на неделю. Проведенный статистический анализ показал увеличение ежемесячной прибыли предприятия на 4 млн руб. ■

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Multicomponent Production Quality Control Reliability

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An approach to the implementation of selective control in a medium-sized enterprise is proposed, which has a positive effect on productivity and reliability. To implement this methodology, software was developed and implemented based on the organization's own experience. As a result of the introduction of software at the enterprise, a great economic effect was obtained. The use of the new technique made it possible to abandon the purchase of expensive X-ray equipment operating in online mode, as well as to increase productivity due to an additional offline installation. The real-time feedback received from the X-ray inspection department made it possible to make timely corrective actions in the operation of the production line, which led to an increase in the number of good products and made it possible to reduce the repair stage after automatic installation.

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