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Estimate File #2441

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J. W. BLAIR

MODEL 600 SAFETY ASSEMBLY

A hi-spot cost comparison of the present method of processing the Model 600 Safety Assembly to three suggested proposals, has been completed, the results of which are as follows:

Proposal I - Mill radius on Thumb Pieces before welding to Safety Lever and eliminate buff radius. This method indicated a gross annual savings of \$480 and would pay for itself in about 2.6 years, plus a 10% return on an expenditure of \$1,000.

Proposal II - Form radius on Thumb Piece at powdered metal pressing operation. This method indicates a gross annual savings of about \$1,100 and would pay for itself in 1.6 years, plus a 10% return on an expenditure of \$1,500. This method would eliminate both the milling and buffing operations.

Proposal III - Mold Nylon Thumb Piece to Safety Lever. This method indicates a gross annual savings of about \$1,200 and would pay for itself in 1.7 years plus a 10% return on an expenditure of \$1,700, of which \$1,000 is for a two-cavity molding die and \$700 for vendor tooling alterations. The piece price for the Safety for this method is estimated to be \$12.50/C instead of the present cost of \$11.50/C for the present method and Proposals I and II.

The detail of this evaluation is on file in this office.

R. L. Hall, Supervisor
Methods & Standards Section

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