

Acknowledgment

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ABSTRACT

The aim of this research is to determine and reduce the percentage of the waste in Elshagra Complex at the production line for manufacturing the Bullet Jackets Cal. 7.62*39mm, and to evaluate and analysis of the reasons ,and to try to elimiminate the causes of it (design, raw material, maintenance, tools, machine) through applying (TQM) theory.

The process of manufacturing the Bullet Jackets Cal. 7.62*39mm was studied and monitoring in all different production lines with simple description of machines purposes and analysis of reasons of waste in every process and stage so as to reduce in future.

The data and results of the waste quantity in every stage were collected at tables and cards formation (weekly, monthly, quarter yearly, and yearly), and it was noticed that the greater percentage of waste in assembly stage, so there are deeply analysis and study for the assembly stage to reduce the waste reasons to the best limit to coincide the results with the requirement standard value for complex management, finally we have mention our conclusions and recommendations.

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