



IMPROVEMENT OF P.E.T DELIVERY SYSTEM FOR BLOW MOLDING SYSTEM

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A thesis submitted in partial fulfilment of the requirements for the award of Bachelor
Engineering (Hons) (Mechanical)

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APRIL 2009

“I declared that this thesis is the result of my own work except the ideas and summaries which I have clarified their sources. The thesis has not been accepted for any degree and is not concurrently submitted in candidature of any degree.”

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ACKNOWLEDGEMENT

In the name of ALLAH, the Almighty and the Most Merciful. I am very thankful to ALLAH for giving me strength to complete my report about "Improvement of P.E.T delivery system for blow molding system" within the time given.

Firstly, I would like to extend my gratitude and appreciation to my supervisor, Puan Azianti Ismail for her guidance, advices and opportunity to do this project with her. I also appreciate her motivation and encouragement that she gave to me.

Not forgotten to my company supervisor Mr. Jegathisvaran A/L Ramasamy for his guideline, cooperation and support in order to get information about company and other resources. Working together with him during the whole semester has been the most wonderful experience. Without him, I might not be able to complete my report successfully.

I also want to thank to Mohd Lukman, Fatimah Rusliahty and Fahzol Shawal for their help, information and advice in completing my simulation, proposal, draft and report of "Improvement of P.E.T delivery system for blow molding system".

To my parents, I thank them for their spiritual supported in completing my study in UiTM and not forget to all my friends for their support in collecting information and ideas.

Lastly, I would like to thank to those who involved directly or indirectly during the completion of this project for their kindness and co-operation.

ABSTRACT

The purpose of this study is to compare between the current mechanism and the purposed of new improved mechanism system for Polyethylene Terephthalate (PET) delivery system in bottle manufacturing industries. The current mechanism is conventional method which is using man power for delivery. Therefore, the new mechanism will change to modern method which is using centralize method consists of new redesign component and delivery systems. The comparison is based on the reduction in terms of wastage, cost consumption, workforce utilization and also efficiency of the machine. In order to get the results, current condition was analyzed and comparison has been done with new mechanism of PET delivery for stretch blow molding system. Some recommendation has been proposed to be reviewed by the company to be implemented in future.

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