

Factory Research Project Title	Cost Reduction of Manufacturing Process for PE Pipes and Compression Fitting
Thesis Credits	6
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Degree of Study	Master of Engineering
Department	Production Engineering
Academic Year	2001

Abstract

The purpose of this research study is to develop a system to correct data for the production of pipe products and polyethylene equipment and use the data efficiently in solving the problems that arises during production. This data is used to show the problems, the cause and effects and the different way to solve them in order to prevent them as they arise. The advantage of this project is to help the company improve their production technique in order to save cost from damaged products during production of pipes and polyethylene equipment.

This development on collecting and analyzing data systems will be put into used in factories for convenience when producing pipe products and polyethylene equipment. And finally I will compare the results of the old and new collecting and analytical data systems in order to find out how the new collecting and analytical systems can help in reducing and preventing the cost of damages.