ABSTRACT

PT. Astra Daihatsu Motor is a company which manufacturing for automotive with quite big production capacity which about 30 thousand vehicles per month. In the daily operation commonly face problems like the quality control of their product and problem to keep the product quality consistently. In order to maintain the consistency of the product quality, there is need to do some effort to increase the company performance and one of the way is using approaching PDCA methode.

The goals of the thesis are to maping and destining the most major problem in production process at Assembling Department. Then, doing analysis and improvement for production process to decrease Defect Per Unit (DPU) product of Assembling Department. Therefore, benefite of quality control for quality cost can be calculated.

Writer using PDCA tools or Plan-Do-Check-Action as approaching problem solving methode to decrease product's defects from the result of Assembling production process.

The thesis result shows that PT. Astra Daihatsu Motor have 3 major defects which caused DPU Assembling process in 2009 become high. They are AC buble for function defect, rocker panel Lh dent for appearanc defect and quarter glass Lh leak for leakage defect. From 3 defects, after due consideration from occurance frequency, time for repairing defect and also concentration of process area, then with matrix table problems we gote that quarter glass Lh leak is the most urgent problem to be solved.

The company operation neeed to do some effort for improving, to achieve the goals reduce defect production process. To achieve zero defect production process, the company have to do continually improvement which implement PDCA cycle for each improvement process.