

ABSTRACT

Title : Defects Reduction in the Auto Spare Part Production

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In the Plastic Auto Part factory, there exists the problems of defects during the production process affecting production cost. The objective of this study is to present the procedures to reduce the defects.

The Defects Reduction processes include QA Network, Shop Floor Management and the improvement for working steps by circulating the Molds, checking the mold temperatures and concluding the results.

From the defects reduction study, it is revealed that most serious problems is from the Short shot parts with a total 22,986 defect parts before improvement accounting on 30.65 % out of the total defects or 3,280 defects per month. The average defects can be reduced up to 1,580 parts per month or 51.83 %