

C816422 : MAJOR INDUSTRIAL ENGINEERING

KEY WORD: CHECK SHEET / CAUSE & EFFECT DIAGRAM / CONTROL CHART /

CHART / GRAPH

CHUMPOL MONTHATIPKUL : A QUALITY CONTROL SYSTEM DEVELOPMENT FOR THE
HOT-DIP GALVANIZING PROCESS. THESIS ADVISOR : ASSO. PROF. DAMRONG
THAVEESANGSAKULTHAI, 340 pp. ISBN 974-636-445-6

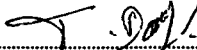
The objective of this thesis is to develop an appropriate quality control system for ladder cable tray products in Hot-dip galvanizing process of the studied factory. Quality control techniques have been applied include check sheet, cause & effect diagram, control chart, chart, graph and Deming cycle. Results of the study in general conditions of the studied factory were that the problems of quality controlling were the unbuilt product quality specifications, failure to follow the standard rules in inspection, quality control system did not cover in all of working process, no system that brought important data to improve working and no quality organization department that maintained and developed quality control system. Therefore this thesis proposed developing the quality control system for ladder cable tray products in Hot-dip galvanizing process as follows : 1. Standard product quality specifications, 2. A quality control system for finished goods, 3. A quality control system for works in process, 4. A quality control system for raw materials, 5. A cycle for improving in working by applied cause & effect diagram, 6. Establishment of quality control department for the organization.

ภาควิชา.....วิศวกรรมอุตสาหการ

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ปีการศึกษา.....2539

ลายมือชื่อนิสิต.....

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