

## C316366 : MAJOR INDUSTRIAL ENGINEERING

KEY WORD: QUALITY SYSTEM / TIS/ISO9002 / PLASTIC INJECTION FACTORY

PONGSAK SAITHANYA : A STUDY FOR MAINTAINING QUALITY SYSTEM

ACCORDING TO THE TIS/ISO9002 BY USING A CASE OF A PLASTIC

INJECTION FACTORY. THESIS ADVISOR :

ASSO. PROF. DAMRONG THAVEESAENSAKULTHAI. 154 pp.

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The purposes of this study for maintaining quality system according to the TIS/ISO9002 by using a case study of a plastic injection factory are :-

- To study the quality assurance system according to the TIS/ISO9002 using a case study of a plastic injection factory.
- To study the internal quality audit and to use as guideline to maintain the quality system of the sample factory.
- To study the results of internal quality audit.

According to this study, the major factors which affected the maintenance of quality system are ; internal quality audit, performance indicators, corrective actions, management reviews and training.

The internal quality audit includes planning, conducting, reporting and evaluating. The results can be used to consider non-conformance of the quality requirements and the audited sections. The emphasis is given on the significance of non-conformance in order to assess the whole quality system.

From the result of this study, it is proven that the quality system can be maintained by auditing the internal quality, correcting the performance based on the evaluation, sequently having the management review and training the personnel to understand thier work.

ภาควิชา.....วิศวกรรมอุตสาหกรรม

สาขาวิชา.....วิศวกรรมอุตสาหกรรม

ปีการศึกษา.....2537

ลายมือชื่อผู้นิสิต.....*Michael. Nicholson.*

ลายมือชื่ออาจารย์ที่ปรึกษา.....*T. Pong*

ลายมือชื่ออาจารย์ที่ปรึกษาร่วม.....