

THESIS ABSTRACT

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TITLE OF THE STUDY **ASSESSMENT OF THE PROBLEMS FACING
MAINTENANCE INDUSTRY IN SAUDI ARABIA**

MAJOR FIELD **ARCHITECTURAL ENGINEERING**

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This study discusses the problems facing the Maintenance industry in general and those facing the Maintenance industry and its development in Saudi Arabia in particular.

The most important problems facing the Maintenance industry were identified through field study visits and a literature review related to maintenance works. There were twenty-four problems found and they were grouped into six major groups: technical problems, management and administrative problems, financial problems, spare parts and tools problems, human related problems, lack of institutional and training facilities, and additional problems. The study covered maintenance contractors in the Eastern Province (1177 Nos.) and all government sectors (70 Nos.).

The information from questionnaires was collected and analyzed statistically using a computer. The analysis shows that there is an agreement between the private sector and the government sector. The study shows that the most important problems in Saudi Arabia are: financial problems, unavailability of required spare parts and tools in the local market, unavailability of experienced local manpower, not counting for maintenance works during the design stage, unavailability of enough institutional training facilities and using inferior materials during the construction phase.

The major findings were established and recommendations were made to solve the problems or at least to reduce their effects.

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