

C615123 : MAJOR CONSTRUCTION MANAGEMENT

KEY WORD:

FACTORS / CONSTRUCTION EFFICIENCY / INFLUENCE / DESIRABLE RATING

KORNGRIT PRAKONGVITTAYA : A STUDY OF CONTRACTOR ' S ON VIEW FACTORS
INFLUENCING CONSTRUCTION EFFICIENCY IN HIGHRISE BUILDINGS.

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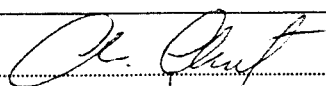
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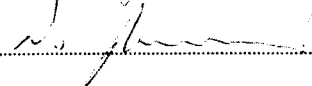
The research is pertaining to the study of contractors view factors influencing construction efficiency in 12 highrise buildings construction projects in Bangkok Metropolitan area, with the construction costs ranging from 200 millions baths to 700 millions baths. The study included the survey of contractor ' s view on factors influencing construction efficiency which mainly consist of 1) Site Management 2) Materials Management 3) Equipment Management and 4) Manpower Management. Questionnaires were distributed to construction firms to collect information and analyzing the data which consist of 1) The field practices are compared and related to the ideal construction management stage. 2) To analyze the collected data statistically. and 3) To analyze the Desirable Rating in each factor. The results show that the field practice were mostly concurrent with the ideal construction management stage. The results by statistic indicate that low efficiency for manpower management and site management. The Desirable Rating for manpower management efficiency improvement by Contractors as percentage of respondents that gave a " Low " rating. The results of 4 Analyzing stages show that at present, the factors influencing construction efficiency in highrise buildings, is Manpower Management . The ideal construction management stage and the Influence Diagram showing the factors influencing construction efficiency in high rise buildings were suggested that field problems be alleviated.

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