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(Questionnaire)

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SPSS

17

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Gantt Chart, CPM PERT

Kittawat Sukosi, Krichanat Ruangsukpailoon and Settha Sonjitchob 2008 Investigation of Influential Factors on Construction Delay and Mitigation Mechanisms: a case study of industrial construction projects in Thailand (Civil - Imigation Engineering), Major Field Civil - Imigation Engineering Department of Civil - Imigation Engineering Project Advisor: Thanet Aksom, Dr.Eng 205 pages

This study was designed to study the problem of delays, factors causing on consturction delays and ways to resolve delays in the industry construction, is how to study using questionnaires. Which is the types of delays all the 8 groups and 46 factors, ask the construction type medium sized and in large-sized industries, In the Bangkok, Chonburi and Nakhon Ratchasima Province and is currently in construction, and analyzing data with the program SPSS 17.

Test results found that delays caused by the bar shortages in equipment and construction machinery, Mechanical damage and Changes by orders from the project owner is 3 in a first frequency that occur frequently in construction projects in the industrial category. Delays caused by factors that are associated with the project, factors that are associated with the project owner and factors that are associated with the project consultants and design team is 3 in a first frequency that occur frequently in construction projects in the industrial category. Tools to resolve delays in construction projects that are frequently used in the frequency of the first 3 is planschedule Ganit Chart, planschedule PERT and CPM, respectively. And the risk of impact on overall construction cost increases in the medium

Student's Signature

Project Advisor's Signature

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