

## Abstract

Title : A Study to Reduce Problems for Building Sanitary Installation

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In Thailand, presently, there is a growing real estate business. The demand for the sanitary installation system is more and more. Sanitary system to integrate with other systems such as air conditioning systems, electrical configuration, etc. has to be managed with a better performance. It is necessary to study the problem of operations to determine ways to reduce problems in the installation of sanitary system.

In this study, the specification, duration and cost of the sanitary system plan is used as the basis for analyzing the problems and causes of the problem. And the principles of engineering project management are also applied.

From this study, it is found that the majority of installing sanitary system consists of job delay, installation defects and unnecessary costs. The result of sanitation installation systems problem solving showed that the averagesanitary installation time is decreased by 45 days from the plans. The cost comply more with the budget and can be saved by 299,800 Bahts.