

Wastage Of Construction Materials In Concrete Structures During Construction Phase

Eng. Moufid Al kasiss*

Dr. Eng. Mohamad Nayfeh**

Dr. Eng. Shukri Baba***

Abstract

Wastages occurred in the Construction Sector have considerable and clear effects on the National Economy and on local Environment. The main aim of this research is to address Wastage problem during the construction phase, define the most important forms, types and important causes of wastage, and also to define the criteria used to measure wastage and ways to specify sides responsible for this resource draining phenomena.

Based on the references available on the subject and on field visits to some important construction sites, a comprehensive questionnaire that covers all sides of the problem was designed and distributed to different levels of staff within the construction field. SPSS package is used for analyzing responses to the questionnaire, and the results of these analysis are compared with the data collected from some real live construction projects. At the end of this work a set of conclusions and recommendations for future works are delined .

For the paper in Arabic see pages (191-214)

* Department of structural Engineering Faculty of Civil Engineering- Damascus university

**Department of Engineering management and construction Faculty of Civil Engineering- Damascus University.

***Department of Engineering management and construction Faculty of Civil Engineering- Damascus University