

Factors Improving the Crew Productivity for the Construction of Steel Structure Projects

Hosam Elhegazy ,Ibrahim Abdel Rashid, Said Yousif Aboul Haggag

Abstract

The purpose of the study discussed in this paper is improving the crew productivity for the construction of steel structure projects. The research was conducted by personal interviews, literature review, researchers' knowledge, telephone calls and correspondence via an email. It was designed model on Matlab in measuring and evaluation the crew productivity of construction of steel structure projects based on the several factors that affect the construction of steel structure process. It is recommended that contracting and consulting firms to improve the crew productivity for the construction of steel structure projects before starting and during the construction of projects. The construction industry can use the findings in this paper as a basis for improving the crew productivity for the construction of steel structure projects.

Journal of Civil Engineering and Architecture Research 2015, April