Construction Performance Control in Steel Structures Projects

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Abstract

The main purpose of this paper is present a methodology
for modeling on Mat lab to construction performance control for construction process of steel structure based on the
several factors that affect the steel structure processes. The Mat lab model is used for controlling on construction
productivity of steel structure projects. The construction industry may use the findings of this paper as a basis for
controlling and improving productivity and construction performance for the construction of steel structure projects. The
ability of the estimating team to accurately determine productivity for different activities will have a significant impact on
crew cost component, time schedule of the project and improve projectsô performance. The use of the Mat lab model is
expected to result in savings in cost and time schedule of construction of steel structure projects as well as savings in
the cost of the overall project.

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