

Labor Productivity in the Construction Industry: Factors Influencing the Spanish Construction Labor Productivity

Authors : G. Robles, A. Stifi, José L. Ponz-Tienda, S. Gentes

Abstract : This research paper aims to identify, analyze and rank factors affecting labor productivity in Spain with respect to their relative importance. Using a selected set of 35 factors, a structured questionnaire survey was utilized as the method to collect data from companies. Target population is comprised by a random representative sample of practitioners related with the Spanish construction industry. Findings reveal the top five ranked factors are as follows: (1) shortage or late supply of materials; (2) clarity of the drawings and project documents; (3) clear and daily task assignment; (4) tools or equipment shortages; (5) level of skill and experience of laborers. Additionally, this research also pretends to provide simple and comprehensive recommendations so that they could be implemented by construction managers for an effective management of construction labor forces.

Keywords : construction management, factors, improvement, labor productivity, lean construction

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