

ADOPTION OF LAST PLANNER SYSTEM USING ENGINEER'S DAY-WISE CARD IN CIVIL PROJECTS FOR CAREER ADVANCEMENT

R.UDHAYAKUMAR¹ & P. KARTHIKEYAN²

¹Deputy General Manager (Operations), URC Construction (P) Ltd, Erode, Tamil Nadu, India

²Assistant Professor (Sr. Grade), School of Management Studies, Kongu Engineering College, Erode, Tamil Nadu, India

ABSTRACT

Lean Construction Management is a Continuous Improvement System that has been practicing around the world in the construction business. But initial resistance on process follow-up seems to have prevented companies from introducing the system. This study was performed, so that Lean and other Continuous Improvement Systems can be implemented in a more effective and smooth way by FM Care (Father and Mother - FM). The Last Planner System converted as performance measuring system with the purpose of achieving the deliverables in a better flow of planning, production, and continuous improvement. In URC Construction (p) Ltd, we start practicing Last planner system by adopting Engineer's Day Card system. Six Executive Engineer's from Tata Realty and Infrastructure LTD (TRIL) site, Chennai were selected to practice the engineer's day card. The process was explained and implemented during September 2014 and practiced till March 2015. In which, execution engineer and Foreman planned their next week task including resource demand based on the milestone and look ahead plan. All the six team members discuss with project in charge and functional members every Saturday to finalize the task. The golden benefit was all the project members aware of each engineer's plan and supported accordingly. The implementation of Engineer's day card improved the individual performance by 30% and project performance by 20%. Detailed study conducted on engineer's day card by reviewing weekly and constrains addressed for effective progress of project tasks.

KEYWORDS: Lean Construction Management, Percentage Planned Completion, Key Result Area, Organizational Development