

A Study on Equipment Management in Construction Site

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ABSTRACT

For speeding the task or project equipment are mandatory as it reduces human effort and precise the time. Whether the equipment is owned or leased it should maximize the productivity. The detailed estimation and the efficiency are to be calculated and compared with other site. Equipment should be at frequent use and idleness of equipment may lead to obstruct of work or loss to firm. The task must be given according to their capacity. The equipment cost may acquire one fourth of the project cost. Time, cost and money are the main restriction for conducting the task. Information is collected from the construction company site also the questionnaire survey is circulated to technical staffs for knowing their significant factors affecting them and how the future measures can be taken. Productivity Management has to be followed from bottom to top level in project. For productivity the major areas to be noted are ownership cost, depreciation, operating cost and linear scheduling. Some of the notable factors found were frequent breakdowns, maintenance, insufficient number of equipment, performance and efficiency of equipment and capacity of equipment.

Keywords: *Glass Equipment, Productivity, Maintenance Cost, Construction Site, Efficiency.*