

## عنوان مقاله:

Root Cause Analysis of Wastes at Precast Concrete Production Line Using Lean Construction

## محل انتشار:

کنفرانس بین المللی مدیریت، اقتصاد و علوم انسانی (سال: 1394)

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## خلاصه مقاله:

Root Cause Analysis is a simple tool designed to help researchers. This tool describes the reality of a specified event has occurred. Therefore specifies how it s going to occurs and helps to understanding the cause of that event. Root Cause Analysis is one of the methods of analyzing the problems this investigates the cause of difficulties, labeled as wastes in this research, after identifying them. By investigation and using the root cause analysis techniques (RCA) factors leads to wastes in order to prevent recurrence and eliminating their root causes, are identified and analyzed. Therefore, the wastes will not be repeated in the future. Using Lean Production and RCA method, the main objective of this paper is to investigate the wastes and to find their roots in precast concrete industry. In this method, it is assumed that the systems and approaches are related to each other, so the progression of the problem is predictable if its origin is discovered and traced. Therefore, the necessary reforms can be performed. This research includes a .detailed examination of the production line of prefabricated concrete parts in a factory until the delivery time

## کلمات کلیدی:

precast concrete buildings, Lean construction, root cause analysis (RCA), waste

## لینک ثابت مقاله در پایگاه سیویلیکا:

<https://civilica.com/doc/625230>

