COMPARATIVE ANALYSIS OF ACTUAL LABOR PRODUCTIVITY IN CONCRETE WORKS BY SNI 7394:2008 WITH ANALISA HARGA SATUAN PEKERJAA (AHSP) 2012

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ABSTRACT

The implementation of projects development are now prefer to used modern equipment to help laboring. Condotel De Vasa project development in Surabaya, also used modern equipment to make laboring easier. Particularly, Condotel De Vasa is project development is used a concrete mixture equipment such as concrete pump. Besides, the procedures for calculation of unit price of concrete for building construction and residential that written in SNI 7394:2008, explain that the labor productivity of concrete cast is still done by human laboring. That is why, “Kementerian Pekerjaan Umum” release, Analisa Harga Satuan Pekerjaan (AHSP) field of Cipta Karya 2012. Analisa Harga Satuan Pekerjaan (AHSP) field of Cipta Karya 2012 has set the index for laboring that use equipment. Due to the differences of two regulations, the actual labor productivity need to be compared.

The actual labor productivity will be calculate with time study method. Time Study is a measurement technique by collecting data based on the time it takes to complete a job. Time study was introduced as a method of work measurement analyst.

The calculation results indicate that the actual labor productivity 11.994 m³/day/person. It’s greater than the AHSP productivity manually or by equipment which equal to 5.636 m³/day/person and 9.746 m³/day/person. The actual labor productivity value also greater than the SNI 2008 productivity 3.636 m³/day/person.

Key Words: SNI 7394:2008, AHSP 2012, Time Study, Productivity