INCREASING VALUE ADDED FROM BULOG
THROUGH LEAN SIX SIGMA APPROACH
AT UPGB BUDURAN, SIDOARJO

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Abstract

UPGB (Unit Pengolahan Gabah dan Beras) is one of BULOG factory's unit which have two main purpose. First purpose to stock paddy and medium rice for BULOG demand, and second purpose to stock premium rice for market demand. Actually UPGB Buduran can’t fulfill all of demand, but just fulfill BULOG demand, moreover to fulfill BULOG demand, UPGB Buduran can’t fulfill all of quantity of rice medium.

This research through lean paradigm to minimize waste in the UPGB Buduran and through six sigma paradigm to measure capability of waste. This study employs six sigma methodology that aim at minimizing variation from every exist waste is DMAI (Define Measure Analize Improve) without control because this reasearch don’t implement the alternative proposal. And the and of this reasearch, reasearchor give alternative proposal through management value paradigm, meanwhile to combine existing condition with improve condition.

The result of this research is in UPGB Buduran have two critical waste, which is waste defect and waste not utilizing knowledge employee skill and ability. Depend on calculate of value added, the average of existing condition from January 2009 to May 2010 is Rp 44.732.783, and the average of improve condition from January 2009 to May 2010 is Rp 88.496.525,-.

Keyword : Lean, Six Sigma, value added, value management