PRODUCTION ANALYZE IN COW CUTTING DEPARTEMENT TO MEASURE FEASIBILITY ADJUSTMENT EFFICIENCY

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ABSTRACT

Time process that occurs in house cutting for 1 cow is 64 minutes. Those process contain main process and waste. Waste cause process that should be finish earlier does not work as the company want. These things can cause the whole production process can downgrade sum of the whole cutting process. Things must have done first is showing there still waste and non value added activity. Then, after finding wastes and non value added activities continue with finding root cause from waste with Root Cause Analysis (RCA). The result from RCA is waiting waste and motion waste will be used as input to generate improvement alternative with Failure and Mode Effect Analysis (FMEA) methods. Alternatives that done generated will be chosen based from performance value and cost analysis to each improvement alternative. Weighting for performance value is time process, easy to clean, easy to material handling process. There are 7 improvement alternatives that include, 3 main alternatives and 4 else are combination from main alternatives. The chosen Improvement alternative is alternative 6 that investment of water flow and material handling in 31 cow cutting production line with implementation cost is Rp77,609,000,-.

Key word: Non Value Added Activity, In-Efisiensi, RCA, FMEA, Cost Analysisist.