

ABSTRACT

WASTE TREATMENT METHOD OF SELECTION RICE NOODLES BY ANALYTICAL HIERARCHY PROCESS (Study Case in Cap Ayam Jantan Vermicelli Factory)

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Cap Ayam Jantan Vermicelli Factory is a dry vermicelli industry which produces bales hearts Forms unit. In the day company produces 2,000 kg of dried rice noodles. Waste Of Making Process vermicelli that singer every day as much as 12.5 kg. Only during the singer Waste collected in one place and is not used by parties Again vermicelli factory. The process can be done to review Waste Management vermicelli singer is restored Into Dough Milling process (process recycle) OR utilized So Livestock feed products (process reuse). For a review taking about Decision Process Waste Treatment required a singer vermicelli Decision Making Method. Research singer used (Analytical Hierarchy Process) AHP. Stages originally performed by making AHP hierarchical structure with Criteria Become factors causing Workforce Namely, Marketing, accuracy covers the costs, processes, hygienic, And Time, As well as determining alternative Fixing And Reduce their hearts vermicelli. Data used to review the method of AHP TIN From the findings of interviews and questionnaires. Data is then calculated to review the consistency of the findings of a random get. Priority weights (average standard) software with help namely selection of experts, to review the criteria for the Chosen Namely Labor OR 0.31 31%. The Selected Alternative with Notes Notes High fence Namely Return To Operate Direct Process Criteria on workforce of 0.59 OR 59%. Furthermore, the implementation of the findings from AHP. Implementation is done WITH THE perform disposals sacks Bottom Forming Machine vermicelli And trials conducted during the analysis and progress. Vermicelli Yang initially lost 12.5 kg (US \$ 312,500.00) Being reduced 96% Remaining Only 0.5 kg (USD 12500.00) so the company has to save Rp 300,000.00 per day.

Keywords: rice vermicelli, AHP (Analytical Hierarchy Process), Criterion, Waste vermicelli.