

ABSTRACT

Animal husbandry is an activity of raising animals as food, sources of industrial raw materials or to help human work. In Indonesia, many people choose to raise livestock as their profession. Dairy cows are one of them. Cattle used are usually imported from countries with subtropical climates. In designing this product, the author took place at one of the dairy farms in Pangalengan, West Java, owned by Mr. Uu. When observing the author found several problems, one of which is when distributing milk, the operator has difficulty loading and unloading milk can, so the operator feels tired easily because of the difficulty of lifting milk cans on the motor that requires considerable effort or energy. For this reason, the writer raised the issue as a topic in this design. This writing aims to describe the process of designing work facilities in the distribution process towards the milk processing industry to reduce the effort and risk of injury while working. The design of the product that the author is doing this time only focuses on the distribution activities from the animal husbandry to the milk processing industry. Before carrying out the design process the authors made observations and interviews as a data collection technique and for the method of data analysis using comparative descriptive analysis methods and qualitative methods. After getting some data found a problem and in the end the author uses aspects of ergonomics, functional aspects and material aspects as a design method in this design. The main function of this product is to facilitate operators in the process of loading and unloading milk can starting from the farm to arriving at the milk processing industry. The material chosen in the design this time is aluminum / galvanized aluminum plate, because it is lightweight and not easily damaged or dented.

Keywords: *Animal Husbandry, Distribution, Milk Can.*