

ABSTRACT

The use of silos is generally used in agriculture as a storage area for agricultural products or animal feed. Silo is a storage area that has an engine mechanism inside, from a safety level it is quite dangerous due to the many risks of accidents. In monitoring the silo, it is necessary to pay attention to the gas level in the silo, in handling gas levels in the silo. Some of the gas content of the materials in the Silo takes over the function of oxygen in the Silo. The case that often occurs when the breeders opens the lid on the silo is shortness of breath. In addition, during the process of removing feed from the Silo, no amount information was issued. So that breeders do not know how much feed comes out of the Silo. Therefore, to facilitate monitoring and control of silos, a tool will be made that can help breeders, namely "Monitoring and Controlling Silo Poultry Livestock". The advantage of this tool is that it can provide information on the amount of feed in the silo so that breeders do not need to monitor manual silos to avoid the risk of shortness of breath and Controlling the feed that comes out of the silo does not need to be done manually because there is a greater risk of experiencing the excess feed that comes out so that the breeders loses.

Keywords: Silo, Poultry Farm, Loadcell, Servo, Ultrasonic (min. 1 word, max. 5 words)