

ABSTRACT

The zoo is one of the tourist destinations that is quite enjoyed by the people of Indonesia and one of them is the Bandung Zoo which is located right next to the Campus of the Bandung Institute of Technology, Bandung Zoo is often visited by the people of Bandung and outside the area. There are many animals there, and one of them is a tiger which is an animal for those who have special needs, one of which is they need chunks of wood to sharpen their claws. But when the time comes for the replacement of chunks of wood the clerk has difficulty in moving wood from the outside into the open cage, because the cage is quite steep. The purpose of this design is to design a wood transfer system at the Bandung Zoo in order to make it easier for officers to transfer wood into the cage, the method used is the Qualitative method, using interviews, observation, and data collection. And analyze the aspects of Ergonomics in order to facilitate the operation. The results of this design are in the form of a transport crane (Mini Crane) and combined with a pickup truck to move the chunks of wood.

Key Words : Mini Crane, Zoo, Tiger, Ergonomic.