

Essential Ergonomic Considerations in Design Processes

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Abstract

In the current global era exclusive designs and representations are needed to meet the increasing users' needs which are varied and unstable. In addition, the market competition is also supposedly able to create a humane functional design products, i.e. designs that can help capabilities, limitations and the permissibility of human and sustainable. In this regard, it is necessary that the design process is based on several considerations. One of which that is absolutely needed is the consideration of ergonomics, namely taking into account the consideration of human factors and activities, such as size, shape, position of activity, behavior and habits of human activity in order to reach maximum productivity. With ergonomic considerations, as well as customers' need. Hence, provide high selling value (superior customer value) and high advantage in competition (competitive advantage) on the global market. This paper is a literature study on ergonomics in the design process. Discussions of ergonomic as design considerations are based on experts' opinions available from several references. The opted method for presentation and discussion is solely descriptive.

Keywords: Ergonomics, preamble, and design