

Abstract

Drawing Tube are one of the most important tool in the field of architectural drafting technology. This early use of design tools in new product development has a significant impact on competitive business performance. However, the implementation by companies is not always successful. This research involved implementing to enhance the development of new design tools to aid successful industrial implementation of the study was to design, develop and test the Reflectorize Canvas Telescopic Storage Tube Holder Assembly. It also shows that test and evaluation includes fabrication design, weather resistance, storage capacity, transportability and portability. An evaluation questionnaire was used to gather relevant data, data surveying through questionnaires to collect and determine and help to ensure that the development project is design versatile, valuable, and vital to the field. The types of material used in this analysis, the fabric material is made of leather was selected as tube material. The developed thickness for the storage capacity of drawing tube are studied. Such as, fabricate, design and evaluate the new features Reflectorized Canvas Telescopic Tube with Holder. Assembly. Produce a multipurpose storage for efficiency in the assembly and transport, provides large compartments space to protect the tools from damages. The design of the product meets the required standard of the industry based on the evaluation of experts from the draftanan, instructor, tailor in the field of construction Industry: In general, based on the results of final evaluation of the product conducted by the experts the product is highly acceptable. The products meet the required standard of construction industry. It is recommended that the product be fabricated to be used by the Northern Iloilo Polytechnic State College of the Industrial Technology Major in Architectural Drafting Technology.