ABSTRACT

EXPLORATION OF REJECTED LAMBSKIN USING LASER ENGRAVING AND LASER CUTTING TECHNIQUES FOR BAGS PRODUCTS

By

DHEINDA NURBANI RIDWAN
NIM: 1605184116
(*Craft Study Program*)

Leather is one of the oldest materials known to human civilization. Leather material commonly used comes from various animals, one of which is lamb. A conversion process is needed to produce ready for use, which converts raw leather into leather. This conversion process is known as the tanning process. The tanning process does not always produce good quality tanned lambskin. Of the various causal factors, the result of the tanning process can also cause some low-quality leather. Low-quality lambskin is called rejected lambskin. Therefore, several methods and techniques are commonly used to increase the aesthetic value of rejected lambskin. The technique commonly used in processing rejected lambskin is the emboss technique and the 'wash' technique because these techniques can disguise defects in the rejected skin. Along with the development of the times, the technique of processing material has become more diverse, and it goes along with the development of increasingly advanced technology. One of the emerging technologies in material processing today is the laser technique. From this, the author sees the potential to process rejected lambskin using laser engraving and cutting techniques. This study aims to optimize processing and produce new variations in the processing techniques of rejected lambskin. The research method used in this research is qualitative. The author uses several data collection techniques such as literature studies from books and journals, observations at a lambskin tanning factory, interviews with resource persons, and conducting several technical and material explorations. This research produces a proof product in the form of a fashion accessory product in the form of a bag using rejected sheepskin material processed by laser engraving and cutting techniques.

Keywords: Rejected lambskin, Laser engraving, Laser cutting, Bag.