

## INTISARI

Pelaksanaan magang industri dilakukan di PT Adi Satria Abadi di Kawasan Industri Banyakan I Sitimulyo, Kecamatan Piyungan, Kabupaten Bantul, Yogyakarta. Permasalahan yang ditemukan pada kegiatan magang industri di perusahaan tersebut adalah terdapat defek *loose* di bagian *flank* dan *belly* pada artikel *sheep batting glove*. Tujuan dari kegiatan magang ini adalah untuk mengetahui faktor yang mempengaruhi *loose* di bagian *flank* dan *belly* serta melakukan kajian untuk pemecahan masalah dalam mengurangi *loose* di bagian *flank* dan *belly*. Bahan yang diamati adalah tiga lembar kulit crust domba dengan ketebalan 0,7 - 0,85 mm. Metode yang digunakan yaitu metode observasi, interview dan studi pustaka. Faktor yang berpengaruh terhadap *loose* di bagian *flank* dan *belly* adalah jenis bahan baku kulit dan *retanning agent* yang digunakan. Berdasarkan studi pustaka, permasalahan yang terjadi tersebut dapat diatasi dengan melakukan proses *retanning* ulang. Bahan yang digunakan antara lain resin akrilik sebanyak 3%, *auxiliaries sytan* sebanyak 2% dan air. Berdasarkan studi pustaka dapat disimpulkan bahwa penggunaan resin akrilik mempengaruhi homogenitas kulit dan menambah ketebalan kulit karena memiliki kemampuan *selective filling* pada kulit yang mengalami *loose*.

Kata kunci : *loose*, *sheep batting glove*, *retanning*, resin akrilik

## ABSTRACT

The industrial internship was conducted at PT Adi Satria Abadi , having its address at the Banyakan Industrial Area I Sitimulyo, Piyungan sub-district, Bantul district, Yogyakarta. The problem that found in the industrial internship at this company is there are loose defect in the flank and belly for sheep batting glove article. The purpose of this industry internship is to find out about the factors that affect looseness in the flank and belly as well as reviewing to solve the problem in reducing looseness in the flank and belly. The material that observed are three sheep crusts for sheep batting glove article, with 0,7 – 0,85 mm of thickness. The method used is the method of observation, interview and literature study. The factors that affect looseness in the flank and belly are the types of leather raw materials as well as the types of retanning agent that used. According to literature review, the problem can be improved by doing the process of re-retanning. The chemicals that used in this process are acrylic resin as much as 3%, auxiliaries syntan as much as 2% as penetrators and water. According to literature review it can be concluded that the use of acrylic resin affects the homogeneity of the leather and increases the thickness of leather because it has the ability to selective filling in the loose part.

Keywords : loose, sheep batting glove, retanning, acrylic resin