ABSTRACT

PT. Lotus Indah Tekstil Industries is a textile company. PT. Lotus Indah Tekstil Industries consists of several department, they are Marketing Department, Engineering Department, Spinning Department, Embroidery Department, Maintenance Department, and HRD Department. Based on data of the company, Spinning Department has the highest accident that related with the production machines. Fore that, hazard analysis is needed.

Hazard analysis begin with use FMEA method to the machine. From the result of FMEA, there is a recomendation for maintenance that needed to the machine at Spinning Department. Then, JSA analysis is made for the maintenance’s job.

From the result of hazard analysis, failure function at machine production can be dangerous to production process and machine damage. From the result of JSA analysis, the employee should be careful with their job and wear suitable PPE.

Keywords : Spinning Department, hazard, production machine, FMEA, JSA.