ABSTRACT

PT. Lotus Indah Textile Industries is a company that run in textile industry and it is one of company that has a proudly commitment about safety. To prevent fire hazard from raw materials (sintetic cottons) or from the products (yarns and clothes), so there are some portable fire extinguisher (PFE) prepared. There are 309 PFEs in that company building with differences on type, location and it’s expired date so that can caused difficulties to the safety officer when checking the PFE’s expired date. Besides PFE, safety officer sometimes forget about the testing schedule of some forklifts and boilers and also the total of the worker’s violations. To solve those problems, so we need to design information system program that could automatically give a warning message to the safety officer about the PFE’s expired date, the forklifts and boilers testing schedule and also total of worker’s violations.

This information system program will be designed by using two main programs, there are Microsoft Visual Basic and Microsoft SQL Server. Microsoft Visual Basic will be used to design the program interface and the program system. Then Microsoft SQL Server will be used to design the database structures for the information source.

This designed information system program has main purpose to give a warning message to the safety officer about the PFE’s expired date including the location and the PFE’s type. This program also remind the safety officer about the testing schedule of forklifts and boilers. Beside that, this program also could display the workers that violate the rules of personal protective equipment wearing obligation.

Key words : Program, Information System, Database.