ABSTRACT

Fire always cause undesired effects including property damages, material losses, environmental thread, production process interruption on goods and services, and endangered human safety. PT Lotus Indah Textile Industries which produce easily to ignite materials can be classified as A class in fire danger classification. Therefore, any effort to overcome fire danger should be Management Commitment.

This final project will analyze fire emergency response plan existed in PT Lotus Indah Textile Industries according to the number of emergency exit, Travel distance conformed with the NFPA 101 life safety code, meeting point, emergency response plan map and standard operating procedures. Output of this study can be useful for PT Lotus Indah Textile Industries to determine the quality of their emergency response plan.

The analysis result shows that the broad area of building 2 and 5 makes travel distance in both of buildings non conformed with standard code, so it need another exit door, while another building need exit door addition to conform OSHA standard which state that there should be minimum 2 exit door available in each room. New revision apply for existing meeting point, emergency response plan map, standard operating procedure to conform the code.

Keyword: emergency response plan, emergency exit, travel distance, meeting point, emergency response plan map, standard operating procedure