ABSTRACT

Fire is a chemical reaction that takes place rapidly and emits heat, and rays. Reaction that occurs are oxidation reactions. The occurrence of a fire caused by 3 elements which are: fuel, oxygen, and heat. Therefore, prevention efforts are needed to prevent the occurrence of widespread fires.

Fire prevention is an effort to cautious factors that causes the occurrence of a fire and takes steps to prevent the possibility becomes reality. Fire prevention requires an education program and supervision, careful and regular maintenance planning of building and its completeness, inspection, provision and placement of the fire rescue equipment including its maintenance the fire department terms of both ready and easily accessible.

Fire equipment is the very important principal part in handling a fire that should get good maintenance that if at any time a fire occurs, hydrant, sprinkler and light fire extinguisher (LFE) can be used both with and without obstacles.

Keywords: Fire Installation, Hydrant, sprinkler, LFE (light fire extinguisher)