

ABSTRACT

Fire was serious disaster threat and should be concerned in case of its enormous impacts. Hospital is one of the places that even have no high risk of fire threat, the lost could be wide impacts. The Fire Protection Systems has a very important and strategic role in the early management action. The aim of this studied is to evaluated the Fire Protection System on RSUD Gambiran.

This studied was an observational descriptive studied, which aim to objectively observe a situation, then describe and evaluated its actual situation in the work area of Gambiran Hospital Kediri. The Object on this studied was the fire prevention systems at Gambiran Hospital Kediri with variables of access and water supplied for stopping the fire, active and passive fire protection system, rescue tools, and fire prevention units.

The study results show that the fire risk level at Graha Wijaya Kusuma Building in Gambiran Hospital Kediri is fairly vulnerable and has the highest Severity point. It is caused by the average of daily patient treated 48 patients. Meanwhile the Fire Protection Systems are alarm and detector, fire water system, stopping fire system of either manually or automatically, rescue system, and fire management system in the hospital.

In general, the fire prevention system at Gambiran Hospital is quite complete, but has quite high danger level and high severity point. The suggestions from researcher are that the hospital continually improves the quality of fire management action system including the functioning and maintaining of all existing equipments in order to always be ready when the equipment is use.

Keywords : fire hazard, fire protection systems, fire risk, fire fighting system.