

# **IMPLEMENTATION OF PROTECTION SYSTEM (FIRE) ON X 4 STAR AND Y 3 STAR HOTEL IN SURABAYA CITY 2024**

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## **ABSTRACT**

A fire can cause lives, property, and material casualties and also the consequences of fire were property loss or building value, disruption of work, fire rescue costs. Provision of appropriate protection systems, proper installation and maintenance, as well as training in their use. If one of these systems doesn't function properly, the system's performance will decrease and errors will occur. The purpose of this study was to analyze the application of the protection system in the 4 star and 3 star hotels in Surabaya according to the existing regulations.

This type of research was an descriptive research with observational. Objects in this study were protection system as well as planning and implementation of life-saving in the 4-star and 3-star hotels. Data collected is data obtained from observations and interviews. Data analysis were done by analyzing and comparing the results with existing regulations.

Applications of passive protection systems in 4-star X hotel and 3-star Y gets a "Yes" score of 10. The applications of the active protection system in a 4-star X hotel gets a "Yes" score of 10 and a 3-star X hotel gets a rating score of 8. Application of Fire Prevention Planning in 4-star hotels X is 85%, whereas 3 star hotel Y was 100%.

The conclusion of this study is that the application of fire protection systems in hotels X and Y belongs to the category "Good". Implementation of fire prevention planning and implementation in hotel X and hotel Y are also included in the "Good" category.

Key words: Protection System, Fire, Hotel

**PENERAPAN SARANA SISTEM PROTEKSI (KEBAKARAN)  
DI X HOTEL BINTANG 4 DAN Y BINTANG 3  
KOTA SURABAYA TAHUN 2024**

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**ABSTRAK**

Kebakaran mampu menimbulkan korban jiwa, harta benda, dan material dan juga akibat dari kebakaran ialah hilangnya nilai properti atau bangunan, gangguan pekerjaan, biaya penyelamatan kebakaran. Penyediaan sistem proteksi yang selaras, pemasangan dan pemeliharaan yang tepat, serta pelatihan penggunaannya. Jika suatu sistem ini tidak berfungsi dengan baik, maka kinerja sistem tersebut akan berkurang dan muncul kesalahan. Studi ini bertujuan guna menganalisis penerapan sistem proteksi pada hotel bintang tiga dan bintang empat dikota Surabaya selaras Regulasi yang ada.

Jenis studi ini yakni studi deskriptif dengan pendekatan observasional. Objek dalam studi ini ialah sistem proteksi serta perencanaan dan implementasi penyelamatan jiwa di hotel bintang tiga dan bintang empat. Data yang dikumpulkan yakni data yang diperoleh dari observasi dan wawancara. Analisis data diimplementasikan memanfaatkan cara yakni menilai lalu membandingkan hasil dengan Regulasi yang ada.

Penerapan sistem proteksi pasif di hotel X bintang 4 dan hotel Y bintang 3 mendapatkan nilai "Ya" 10. Penerapan sistem proteksi aktif di hotel X bintang 4 mendapatkan nilai "Ya" 10 dan hotel X bintang 3 mendapatkan skor penilaian yang mendapatkan nilai "Ya" 8. Penilaian penerapan Perencanaan Pencegahan Kebakaran di Hotel X bintang 4 ialah 85%, sementara hotel Y bintang 3 ialah 100%. Lalu penilaian Penerapan Implementasi Pencegahan Kebakaran di Hotel X bintang 4 ialah 80%, sementara hotel Y bintang 3 ialah 100%.

Kesimpulan dari studi ini ialah penerapan sistem proteksi kebakaran di hotel X dan hotel Y termasuk dalam kategori "Baik". Penerapan perencanaan serta implementasi pencegahan kebakaran di hotel X dan hotel Y juga termasuk dalam kategori "Baik".

Kata Kunci : Sistem Proteksi, Kebakaran, Hotel