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ROLE OF SMOKE ALARMS IN FIRE DISASTER PREVENTION MANAGEMENT FOR HOMES

Robert M. Brooks

Associate Professor, Department of Civil & Environmental Engineering, Temple University, Philadelphia, USA

ABSTRACT

Smoke alarms play an important role in a fire disaster prevention management program. The objective of this paper is to determine the role of a smoke alarm in the fire disaster management program for homes. 21 volunteers are asked to participate in the survey. They visited 42 homes. From their experience and subjective opinion, the following results are obtained.

The fatalities are reduced from 100 to 52when at least one working smoke alarm is present in the home. This is a statistically significant influence. The above conclusion is supported by the following statistical indicators. The p-score, one-tailed t value, and standard deviation are 0.0%, 57.89 and 5.71 respectively.

KEYWORDS: Smoke Alarm, Fire Disaster, Prevention Management

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