

Indian Standard

**SPECIFICATION FOR
HEAT SENSITIVE FIRE DETECTORS FOR
USE IN AUTOMATIC FIRE ALARM SYSTEM**

(Second Revision)

FOREWORD

0.1 This Indian Standard (Second Revision) was adopted by the Bureau of Indian Standards on 17 November 1988, after the draft finalized by the Fire Fighting Sectional Committee had been approved by the Civil Engineering Division Council.

0.2 Property damage caused by a fire is directly related to the (a) intensity of fire, and (b) duration of fire. The intensity of fire depends upon the time available for its growth, type and geometrical configuration of combustibles, ventilation, etc. The duration of fire depends upon the quantity of combustible and the point at which the extinction process starts.

0.3 Life hazard is predominantly posed by smoke and other toxic products of combustion which travel faster and farther than fire. The amount of combustion products and speed of their travel is directly proportional to the intensity of fire.

1. SCOPE

1.1 This standard covers the general requirements, test methods and performance requirements for heat sensitive (point) detectors for use in automatic fire alarm system.