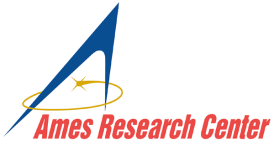


# **LIFE SAFETY ALARM SYSTEMS**

## **FACILITIES MAINTENANCE SERVICES**

**NASA Ames Research Center  
MOFFETT FIELD, CA 94035-1000**



# SAFETY STANDARD FOR FIRE PROTECTION

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- The Plant Engineering Branch at Ames Research Center shall remain in full compliance with the latest edition of NASA Technical Standard **NASA-STD-8719.11, Safety Standards for Fire Protection**
- **National Fire Alarm Code** shall provide guidance for all circumstances related to life safety at NASA Ames Research Center/Moffett Field.
- **NFPA 72, Annex E** shall provide further design guidance, the process for planning and acceptance and requires that qualified designers and installers be utilized.

# MASS NOTIFICATION

- There will be a migration to a Mass Notification System (MNS), which allows fire alarm systems and associated emergency warning equipment to be used as part of a Mass Notification System.
- Mass notification systems integrate fire, security, and communication systems to provide emergency notification to individuals within a building or multiple buildings, or over a much larger area covering many acres or several miles.
- As these systems are related to Life Safety they are expected to operate at the level of 100% reliability. Acceptable downtime shall include normal maintenance, testing or emergency conditions.
- The Maintainability of all systems and associated components shall be mandatory.
- Every effort shall be made to recover from system failures and restore all system functionality in a timely manner.