# FIRE PROTECTION





### U.S. ARMY CORPS OF ENGINEERS

### BUILDING STRONG



The Kansas City District is known throughout the U.S. Army Corps of Engineers for the vast expertise in Fire Protection design, evaluation and commissioning. The district's Fire Protection, Mechanical and Electrical Engineers have extensive knowledge and experience evaluating existing systems to identify deficiencies and provide repair recommendations. Engineers are also experienced in designing wet pipe, dry pipe and preaction sprinkler systems, foam suppression systems, conventional and addressable detection and notification systems and Mass Notification Systems. Fire Protection Engineers are experienced in life safety plan design and review. The Kansas City District is a technical leader in Fire Protection design that remains focused on quality (ISO 2000 Certified) and customer satisfaction.

The Kansas City District's Fire Protection, Mechanical and Electrical Engineers have a thorough knowledge of Fire Protection design requirements and have performed multiple fire suppression, detection, alarm and mass notification designs in the last 10 years. These engineers are also experienced in providing unique solutions to address complex challenges of retrofitting existing facilities to meet current criteria. Due to the district's technical expertise and responsiveness, other districts within the U.S. Army Corps of Engineers have sought the Kansas City District's support for fire protection design and evaluation. Additionally, the district has an internal Fire Protection course instructor leading the review of modifications to the Unified Facilities Criteria (UFC 3-600-01) for U.S. Army Corps of Engineers, Headquarters.

The district employs three Fire Protection Engineers, six Mechanical Engineers and five Electrical Engineers with over 160 years of combined experience. Fire Protection design experience includes: fire suppression system design for aircraft hangars, hospitals and warehouses; and fire alarm and fire detection system designs for warehouses, aircraft hangars and administrative buildings.

# **Key Messages**

- Focused on quality (ISO 2000 Certified) and customer satisfaction
- Kansas City District is known nationwide for expertise in fire protection evaluation and design
- Highly trained engineers with experience in multiple facets of fire protection design and evaluation
- Kansas City District gets repeat business nationwide, not only because of our technical expertise, but also because of our responsiveness, dependability and attention to detail

# Facts & Figures

- Fire Alarm design Maneuver Support Center, Fort Leonard Wood; Kansas City District 2013
- Fire Suppression system design JBLM Hangar; Seattle District 2013
- Fire Protection evaluation of multiple Columbia River Dams; Walla Walla District 2012
- Fire Protection evaluation of DOL warehouses Fort Riley and Fort Leonard Wood; Kansas City District 2011
- Fire Alarm and Fire Suppression System design UAS Hangar Fort Riley; Kansas City District 2010
- Fire Alarm Design Medical School Barracks, Kabul; Afghanistan Engineering District 2009

U.S. ARMY CORPS OF ENGINEERS – Kansas City District, Northwestern Division