



Practice Areas:

Fire Protection
Mechanical

RJ@EntropyEC.com



RJ Dussart, PE

Mr. Dussart is a mechanical engineer with 13 years of experience in Fire Protection and Life Safety. He has knowledge in all aspects of Fire Protection from field installation and design to project management and consulting.

LICENSURE & EDUCATION

Licensed Professional Engineer in CO and WY, NCEES registered
BS, Mechanical Engineering (Minor in Metallurgy), Colorado School of Mines, 1994
Master's level coursework at Worcester Polytechnic Institute
CPVC Certified Installer, April 2010
Fire Risk Assessment, November 2008

WORK HISTORY

Project Engineer, *Entropy Engineering Corp*, 2009 to present
Project Manager, *JBA Consulting Engineers*, 2008 to 2009
Consultant, *Scandaliato Design Group, LLC*, 2006 to 2008
Design Manager, *Arapahoe Fire Protection, Inc*, 2000 to 2006
Designer, *Western States Fire Protection*, 1998 to 2000

FIRE PROTECTION

Mr. Dussart has experience with fire protection system analysis, estimating, and code compliance. He has performed third-party reviews, due diligence surveys, commissioning, hazard analysis, and testing reports. Mr. Dussart has project management experience in hotel/casino, government, residential, educational, and hospital projects. He has an understanding of special systems, risk management, passive building systems, and standard installation practices. Mr. Dussart has generated fire engineering designs including all aspects, such as suppression, fire alarm layout, battery calculations, fire pump room layout, high-piled storage evaluations, hazard analysis, Hazardous Materials Inventory Statements, Hazardous Materials Management Plans, alternate means and methods, and fire/life safety analysis reports. He has performed fire pump commissions and annual smoke control tests. Mr. Dussart has written a paper on the Role of the Fire Protection Engineer and has instructed classes on the International Building Code, International Fire Code, NFPA Standards, and high-piled storage requirements.

SAMPLE PROJECTS

Beau Rivage, Isle of Capri's, Island View Casinos, Biloxi, Mississippi
MacDill Air Force Base Hospital, MacDill, Florida
General Motors Service Parts Corporation, Aurora, Colorado
Ball Aerospace Headquarters, Broomfield, Colorado
Sears Grand, Wal-Mart, Super Target, Colorado
XJet Hangar, Englewood, Colorado
Air Force Special Operations Command Hangar, Hurlburt Field, Florida
National Center for Atmospheric Research, Boulder, Colorado

AFFILIATIONS

Society of Fire Protection Engineers (President of the Rocky Mountain Chapter and Chair of the National Public Awareness Committee), National Fire Protection Association (Member of the Building Fire Safety Systems Section), Colorado Fire Protection Association, International Code Council