



Fire Protection Products

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Issued by: FPP Application Engineering

3M Fire Protection Products Application Engineering Personnel Qualifications

This document outlines the technical qualifications associated with the design and issuance of Engineering Judgments for 3M Fire Protection Products (FPP) and their use in field evaluated applications for firestopping.

Each individual listed below is qualified by 3M Company to write engineering judgments based on work experience and education backgrounds as well as in-depth fire protection training, life safety training, and hands-on fire testing. In addition, each staff member has gone through an engineering judgment technical authoring program supervised by an experienced 3M application engineering representative and approved by the technical manager. Each person is located at the 3M Company corporate headquarters in St. Paul, MN and is not considered a field agent.

Paul Fannin, Senior Application Engineer

3M Fire Protection Products	Application Engineering	2014 - Present
Advanced 3M Fire Protection Products Training	3M Fire Protection Products	2014
Technician	3M Adhesive & Sealants Laboratory	2011-2014
Committee Member	ASTM E05.11 on Fire Resistance (within Committee E05 - Fire Standards)	2017-Present
Chair of the ASTM E 2307 Task Group	Committee E05.11 on Fire Resistance (within Committee E05 - Fire Standards)	2010-2018
B.Sc. Chemical Engineering	University of Minnesota Twin Cities	2010

Richard Haffner, Application Engineer

3M Fire Protection Products	Fire Test Center Lead	2010-Present
Member	Wisconsin State Firefighter's Association	2005-Present
Member	Wisconsin State Fire Inspector's Association	2007-Present
Member	Fire Marshals Association of	2007-2010 / 2011-Present

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	Minnesota (FMAM)	
Member	Society of Fire Protection Engineers-MN Chapter (MN SFPE)	2011-Present
Member	Wisconsin Society of Emergency Services Instructors	2013-Present
Recruitment & Retention Committee	National Volunteer Fire Council (NVFC)	2014-Present
Firefighter / Assistant Fire Marshall	New Richmond Fire & Rescue	2005 - Present
Technical Diploma - Fire Protection Technician	Hennepin Technical College	2008
A.Sc. Fire Science	Columbia Southern University	2015
A.A. Emergency Management	Waldorf University	2016
B.Sc. Fire Administration/Fire Investigation	Columbia Southern University	2017

Anthony Kilmer, Product Application Engineering Support

3M Fire Protection Products	Application Engineering	2005-Present
Advanced 3M Fire Protection Products Training	3M Fire Protection Products	2006
Professional Association for Customer Engagement	Customer Service Certified	2015
B.Sc Fire Science Management	St. Thomas University Miami Gardens, FL	Degree Program In Progress

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Mark Lund, Application Engineering Manager

3M Fire Protection Products	Application Engineering	2006-Present
Advanced 3M Fire Protection Products Training	3M Fire Protection Products	2006
Chair of the ASTM E 2307 Task Group	Committee E05.11 on Fire Resistance (within Committee E05 - Fire Standards)	2010-2018
Secretary	Subcommittee E06.21 on Serviceability (within Committee E06 - Building Performance)	2010-2018
Member	National Fire Protection Association (NFPA)	2006-Present
Member	Society of Fire Protection Engineers-MN Chapter (MN SFPE)	2006-Present
Vice-President	MN-SFPE	2012-2013
Futrell Fire Consult and Design	Fire Protection Engineering	2005-2006
North Star Fire Protection	Fire Sprinkler System Design & Construction Management	2000-2005
Professional Engineering Licenses (M.E., F.P.E.)	State of Minnesota	Valid through June 30, 2020
B.Sc. Mechanical Engineering	Iowa State University Ames, IA	2000
M.Sc. Fire Protection Engineering	Worcester Polytechnic Institute Worcester, MA	2011

Gabriela Mattos CW, Product Application Engineering Support

3M Fire Protection Products	Application Engineering Lab Analyst	2018
Advanced 3M Fire Protection Products Training	3M Fire Protection Products	2018
M.Sc. Manufacturing Engineering	University of St. Thomas St. Paul, MN	2018
B.Sc. Chemistry	University of St. Thomas St. Paul, MN	2014

Carrie Meis, Product Application Engineering Support

3M Fire Protection Products	Application Engineering	2009-Present
Advanced 3M Fire Protection Products Training	3M Fire Protection Products	2009

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B.Sc Fire Science Management	St. Thomas University Miami Gardens, FL	2015
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Samantha Peterson, Senior Application Engineer

3M Fire Protection Products	Application Engineering	2016 - Present
Advanced 3M Fire Protection Products Training	3M Fire Protection Products	2016
Secretary	Subcommittee E06.21 on Serviceability (within Committee E06 - Building Performance)	2018-Present
ExxonMobil	Building Services Supervisor Safety, Health, Environmental Supervisor	2010 – 2016
B.Sc. Mechanical Engineering	University of Minnesota Twin Cities	2010

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Technical Information

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