



## SUMMARY

Brian Thompson, P.E., the Principal of AEGIS Engineering, is a registered professional engineer in Washington, Oregon and California and holds a master's degree in fire protection engineering from Worcester Polytechnic Institute. Prior to earning this degree, Brian developed a background in civil engineering, enabling him to anticipate challenges that may be present due to specific site conditions with regard to fire protection as well as building access and egress requirements.

Brian entered the fire protection field in 1993 and is familiar with the application of current engineering models and methodologies to evaluate unique project conditions, including complex analysis of the anticipated performance of fire protection and smoke control systems. His project responsibilities include developing design strategies for project fire protection and building code approaches, evaluation of design plans for code compliance, as well as system inspection and testing. He has also served as an expert consultant to legal counsel regarding fire protection and building code challenges.

### SPECIALTIES:

- Fire protection and life safety assessment
- Building and fire code consulting
- Litigation support and expert consulting
- Performance-based design
- Smoke control system design, special inspection
- Alternative means and methods

Boasting a broad and varied professional background, Mr. Thompson was previously employed in Chicago and San Francisco and has prior experience in firefighting, civil engineering work, site master planning, and forensic investigations. His wide-ranging knowledge affords him a comprehensive perspective on the development of even the most challenging fire protection solutions.

Brian was selected by the National Fire Protection Association (NFPA) to speak at the World Safety Conference & Exposition on the topic of performance-based smoke control design. He was also a presenter at the Construction Specifications Institute Rainier Chapter Annual Education Conference on the topic of automatic fire sprinkler protection. His research on speech intelligibility has been cited in the Journal of Fire Protection Engineering and his expertise has been referenced in a trade periodical regarding fire protection for construction in wildland-urban interface areas.

In his spare time, Brian coaches his daughter's Seattle Junior Hockey Association team. He and his wife also enjoy skiing downhill in the winter and on Hood Canal in the summer.

## EDUCATION

- **CA Emergency Mgmt Agency, Everett, WA**  
*ATC-20 and 45 Cal EMA Safety Assessment Program (2011)*
- **University of Washington, Seattle, WA**  
*Cold Regions Engineering (2011)*
- **US Green Building Council, Berkeley, CA**  
*LEED-NC Technical Review (2005)*
- **Worcester Polytechnic Inst., Worcester, MA**  
*M.S., Fire Protection Engineering (2003)*
- **Marquette University, Milwaukee, WI**  
*B.S., Civil Engineering (2000)*
- **Protection Knowledge Concepts, Chicago, IL**  
*Automatic Sprinkler System Design and Water System Analysis (1998)*

## REGISTRATION

- **Civil Engineer**  
*Washington (2004)*
- **Fire Protection Engineer**  
*California (2005); Washington (2007); Oregon (2009)*

## EXPERIENCE

**Alternate Fueling Station**  
*JBLM-Fort Lewis, WA*

**Bellevue Contract Services**  
*Bellevue, WA*

**EGWW Federal Building**  
*Portland, OR*

**Gold Hill Development**  
*Crystal Mountain, WA*

**Group Health Cooperative**  
*Seattle, WA*

**PUD Waste Management**  
*Grant County, WA*

**SCORE Jail**  
*Des Moines, WA*

**Snoqualmie Casino**  
*Snoqualmie, WA*

**Sound Transit**  
*Everett, WA*

**US Army Brigade Complex**  
*Fort Lewis, WA*

**USCG Base Support Unit**  
*Kodiak, AK*

**UW Paccar and Balmer Halls**  
*Seattle, WA*

**Valley View Middle School**  
*Snohomish, WA*

**Vancouver Clinic**  
*Vancouver, WA*

## AFFILIATIONS

- Cal EMA Safety Assessment Program (SAP) Evaluator
- International Code Council (ICC) Professional Member
- National Fire Protection Association (NFPA), Architects, Engineers and Building Officials (AEBO) Section
- Salamander Honorary Fire Protection Engineering Society, Gamma Chapter
- Society of Fire Protection Engineers (SFPE), Pacific Northwest Chapter

*The Mission of AEGIS Engineering is to deliver thoughtful, innovative Fire Protection Engineering solutions that balance the needs of all stakeholders while supporting Client success.*