

PDI Welcomes David Emler and Announces Expansion of Services

OCTOBER 14, 2013

Protection Development, Incorporated (PDI) is pleased to announce the addition of David Emler to our team as Permitting Services Manager. David, a graduate of Angelo State University, has over 10 years of experience in permitting commercial construction in San Antonio. Additionally, he is certified by the International Code Council as a Building Plans Examiner and as a National Standard Building Contractor. David is highly skilled in building and fire codes and has a long-standing relationship with the City of San Antonio, Bexar County, and surrounding municipalities.

David will lead this growing part of our business and, with his experience at a local architectural firm, will expand our services to include:

- Assistance with Preparing Special Inspections Documentation
- Construction Inspection Issues
- Unified Development Code Consulting
- International Energy Conservation Code

As the Permitting Services Manager, David plans to expand PDI's permitting service areas to several additional municipalities currently served by our engineering group.



David R. Emler, ICC CBPE, ICC NSBC
Permitting Services Manager
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Contact the PDI team for all of your fire protection, life safety, and permitting needs.

About PDI...

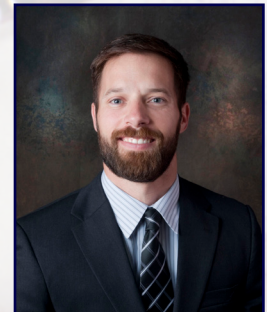
Since 1985, PDI has built a solid reputation for developing well-balanced cost-effective solutions to unique fire protection and code consulting issues. Fire protection and life safety features are not be considered an insignificant part of any project. Each project presents its own complexities and characteristics to life safety and property protection. PDI draws on the varied experience of our staff to research each building and determine site-specific details. We understand the vital need for coordination with the architectural, mechanical, electrical, and plumbing aspects of building construction and how these systems integrate with the fire protection and life safety systems.

Our qualified staff have significant experience in providing...

- Building, Fire, & Life Safety Code Consulting
- Plan-Based Life Safety Plans
- Alternative Materials, Design, and Methods under model codes and standards for building, fire, and life safety systems
 - Fire Protection Systems Design, Testing, and Evaluation
 - *Water Based Protection - Sprinkler, Fire Pump, Water Mist*
 - *Fire Alarm, Mass Notification, and Gas Detection Systems*
 - *Special Hazard Suppression - CO₂, VESDA, Clean Agent*
- Structural Heat Transfer, Fire Growth, & Smoke Modeling
- Hazardous Materials Evaluation and Commodity Classification
- GSA Pre-Lease Fire Protection and Life Safety Evaluation
- Full design & shop drawing level of design for fire alarm, fire sprinkler and special hazard suppression systems
- Third-Party Review and Certification of fire protection systems
- Automatic sprinkler, fire pump, and AFFF suppression and protection systems testing and commissioning with Owner-authorized representative



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- Fire Hydrant Flow Testing and Hydraulic Modeling of underground and above-ground fire protection piping.
- Airflow modeling using CONTAM (stair pressurization)
- Performance based design, smoke management system design, and fire suppression system activation time calculations using Fire Dynamics Simulator
- Hospital Life Safety Evaluation & Plan for Improvement (TJC)
- Acoustic modeling using EASE 4.3 and EASE Evac software.
- 24-hour ambient noise testing and Reverberation Time (RT60) measurements for emergency communication system design.
- Audibility & Intelligibility testing of emergency communication systems
- Room Integrity – Door Fan Testing for Clean Agent Suppression Systems
- Construction Permitting Services
- Assistance with Certificate of Occupancy Inspections
- Unified Development Code Consulting, Zoning Verifications