

Fire / Life Safety Self-Certification Renewal Training

Karen Roberts – Fire Prevention Specialist II



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PDD Fire Plan Review

Self Certifier's Responsibilities - Fire Site

- ✓ Obtain an approved site plan showing all Fire Site requirements
 - ✓ Fire apparatus road access (Section 503)
 - ✓ Fire hydrant location and FDC location (Section 507)
- ✓ Obtain and submit an approved fire flow test (onsite or offsite)
 - ✓ Fire flow test will be acceptable for 1 year.
- ✓ Verify building construction type and square footage are on site plan

These items must be completed and site plan approved before any fire system plans are submitted.



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PDD Fire Plan Review

Self Certifier's Responsibilities - Fire Systems

- ✓ Section 105 permits
- ✓ Types of permits:
 - ✓ Construction permit – allows the applicant to install or modify systems equipment for which a permit is required by Section 105.7

Fire protection system installation permits shall only be issued to current business certificate holders



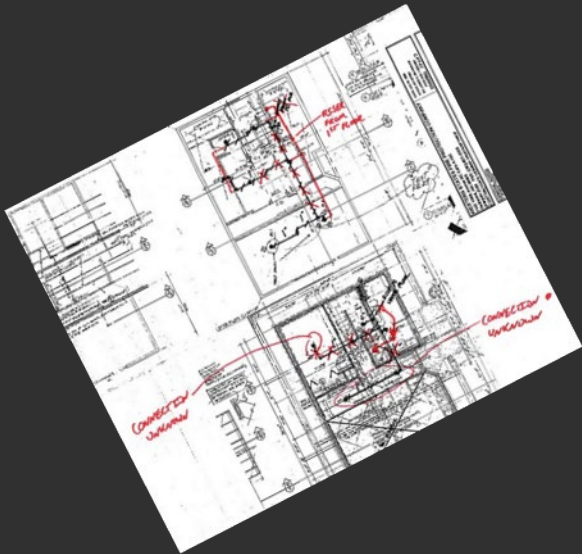
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PDD Fire Plan Review

Self Certifier's Responsibilities - Fire Systems

- ✓ PDD Permits
 - ✓ 105.7.1 automatic fire-extinguishing systems



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PDD Fire Plan Review

Self Certifier's Responsibilities - Fire Systems

- ✓ PDD Permits
 - ✓ 105.7.7 Fire alarm and detection systems and related equipment



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PDD Fire Plan Review

Self Certifier's Responsibilities - Fire Systems

- ✓ Section 105.7 construction permits
- ✓ PDD Permits
 - ✓ 105.7.12 gates and barricades across fire apparatus access roads
 - ✓ 105.8.1 Fire Access site.
 - ✓ 105.8.2 Access and special egress control.



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PDD Fire Plan Review

Self Certifier's Responsibilities - Fire Systems

- ✓ Section 105.7 construction permits
- ✓ PDD Permits
 - ✓ 105.8.10 Fire lines and fire hydrants.



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Fire Life Safety

Construction Documents

- **Scope of Work/ Project Narrative**
- **Building Information/data (Occupancy classification, building area, type of construction, occupant load, etc.) Provide code summary chart / project data**
- **Applicable codes and standards (2018 Fire Code)**
 - **PFC Chapter 9 in lieu of IBC Chapter 9**
- **Automatic sprinkler system (NFPA 13,13R, ESFR)**
- **List of separate submittals (Life safety permits)**
- **Fire Department Appeals or Building CMODs**



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Fire Life Safety

Emergency Responder Radio Coverage

- **Buildings four stories or greater**
- **Total building area greater than 50,000 square feet**
- **Any building with a basement or underground level(s)**
- **Where required by the fire code official**
- **PFC Section 1103.2 Emergency responder radio coverage in existing buildings.**



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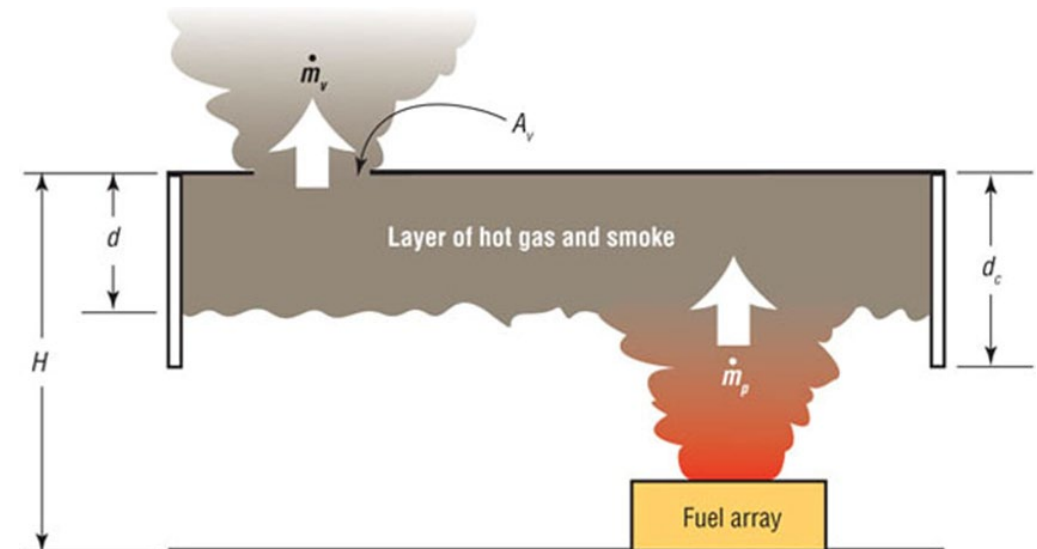
Fire Life Safety

High-piled Storage

- See Chapter 32 for the requirements for High-piled storage.
 - Group F-1 or S-1 more than 500,000 square feet, a technical report is required.
 - Storage height greater than 40 feet, a technical report is required.
- A separate FPPD submittal is required to PDD for High-Pile Storage – F102 (Construction Permit)
- A separate FPPR submittal is required to the Fire Department for High-Pile Storage – F303 (Operational Permit)
- See TRT Doc #00339 (High-Pile Storage)



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Fire Life Safety

Not Eligible for Self-Certification

- **Paint Booth**
- **Energy Storage System/ PV Solar System**
- **Dust Collector**
- **Paint Dipping Operation**
- **Grow Facility WITH Carbon Dioxide**
- **Plant Extraction**
- **Industrial Oven (400,000 Btu)**
- **Processes with descriptions which include the terms “combustible, flammable, hazardous and/or hazardous material”**
- **General: If an item has its own Chapter in the Fire Code**
 - **Sections 1205 & 1206 and Chapters 20, 22, 24, 25, 26, 27, 28, 29, 30, 32, 34, 38, 50 & 56**



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Questions?

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