

Fire / Life Safety Self-Certification Renewal Training

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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

- ✓ Section 105.7 construction permits
- ✓ PDD Permits
 - ✓ 105.7.12 gates and barricades across fire apparatus access roads
 - ✓ 105.7.26.1 Fire Access site.



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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

- ✓ PDD Permits
 - ✓ 105.7.19 Private fire hydrants
 - ✓ 105.7.26.10 Fire lines and fire hydrants.



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Questions?



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PDD Fire Plan Review

Construction Documents

- Scope of Work
- Building Information (Occupancy classification, building area, type of construction, occupant load, etc.) Provide code summary chart / project data
- Applicable codes and standards (2018 Fire Code)
- Automatic sprinkler system (NFPA 13 / NFPA 13R)
- List of deferred submittals (Life safety permits)
- Hazardous Material Inventory Statement (HMIS)
- Fire Department appeals

Note: Review Plan Review Checklist TRT 0036



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PDD Fire Plan Review

Emergency Responder Radio Coverage

- 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

1103 Emergency responder radio coverage in existing buildings



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PDD Fire Plan Review

Chapter 12 Energy Systems

Photovoltaic (PV) systems / Battery submittals

Items to consider in design:

- Ventilation
- Fire Separation
- Detection and Alarms
- Thermal Runaway Protection

Note: Check MAQs Table 1206



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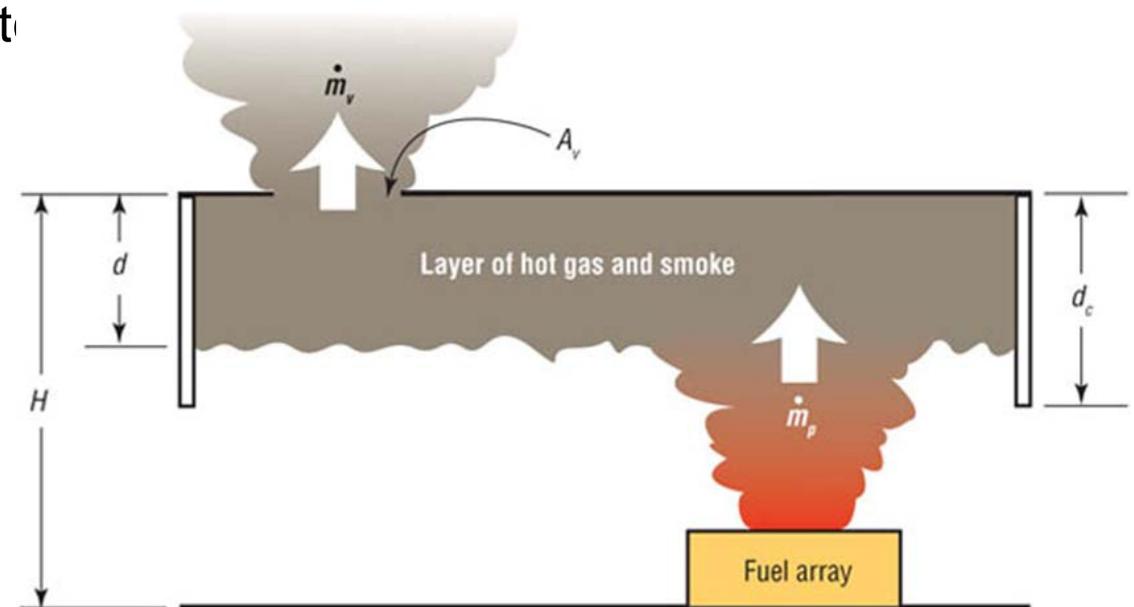
PDD Fire Plan Review

910: Smoke and Heat Removal

- Group F-1 or S-1 more than 50,000 square feet (4645 m²) of undivided area
- High-piled combustible storage
- If ESFR exception is to be utilized, show on drawings in code analysis, listed in deferred submittal, etc



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PDD Fire Plan Review

Chapter 39 Processing and Extraction

- HMIS
- Fire Separation
- Electrical Classification
- Ventilation
- Alarm and Detection
- Emergency Shutoff
- Sprinkler System
 - Light, ordinary, extra hazard
- Listed / Unlisted Equipment
 - Technical report (14 items)



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Questions?



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