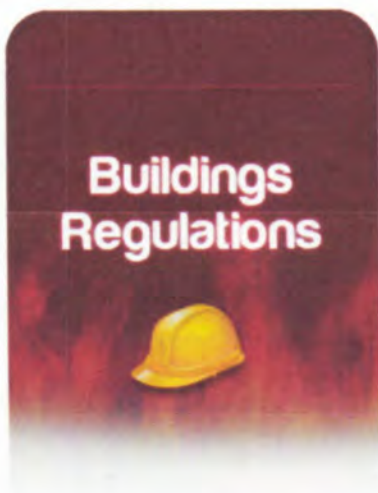


HOME ABOUT US INSPECTIONS & LOAD TEST JOIN US REPAIRS & REPLACEMENT PAINTING BLOG CONTACT US

CA

[Back to all states](#)



NEW JERSEY FIRE ESCAPE LAW

Building Code 1028.6

1028.6 Exterior egress. All exit discharge, exterior stairways and fire escapes shall be kept free of snow and ice. Any Fire escape or exterior stairway found to be in a state of deterioration or determined to be unsafe by the fire official shall be repaired immediately. Depending upon the structural condition, a load test of any fire escape shall be conducted before the escape is returned to service in accordance with the N.J.A.C. 5:23, the Uniform Construction Code

Inspections: Level 1- *Visual Opinion Fire Escape Confidence Test* ©Copyright 2011

All fire escapes 5-25-75 years old or greater are required to be routinely maintained, not just painted, and must show evidence of bolt changes on major structural connections and components at least once in the 50-75 year life span of the system. We must see that all treads have been re-bolted or reinforced at least once. All platform supports and rail posts have been re-bolted or reinforced at least once. All cement or thru-bolt connections show no visual evidence of deterioration. No internal rust in any connection and or joint. All surfaces are free of external rust and have been painted. If we find original hardware (square head bolts or rivets) at every connection then the fire escape automatically FAILS INSPECTION due to lack of Routine Maintenance as required by all codes. A full and or partial refurbishment (major connections) will be required to issue a level 1 Certificate. Due to poor quality of bolts/rivets used on fire escape construction in the past 50-75 years plus we cannot and will not guarantee or warranty that they will perform properly during routine use, emergency use and or a Live Load Test.

Disclaimer: Only reinforced, re-bolted, repaired/replaced connections/materials and or Load Tested systems are termed Visually Certifiable Only.

This Level 1 is recommended for Fire Escape Systems that are 5-25 years old or are in good to excellent condition due to visually confirmed routine maintenance or refurbishment.

Typical Industry Standard Documentation for Level 1 Inspection:

Fire Escape Confidence Test, Structural, Load Test Report, Repair Calculations, L1 Calculations, Load Test, Inspector Summary Repair Video.



Inspection: Level 2- Fire Escape Calculated Load Test ©Copyright 2011

In addition to a Level 1- Visual Fire Escape Confidence Test measurements will be performed of all the components to confirm that the Structure was built to carry 100 lbs per square foot load as required by code. All hidden, inaccessible and or suspect connections will be subjected Investigation, Destructive testing, reinforcement and or duplication as needed to Verify that the entire Fire Escape System could, if required, Pass a Live Load Test. The Entire Structure must be in Good to Excellent structural condition and be fully painted before and or after Inspection/Repairs to be Load Tested.

Disclaimer: Only reinforced, re-bolted, repaired/replaced connections/materials and or Load Tested systems are termed Visually/Calculated Certifiable Only.

This Level 2 is recommended for Fire Escape Systems that are 25-75 years old or are in good to excellent condition due to routine maintenance or refurbished.

Typical Industry Standard Documentation for Level 2 Inspection:

(includes all level 1 docs and Inspector Summary Repair Video) Engineer Calculations, destructive interior/exterior verification or reinforcement of ALL major connection.



Inspection: Level 3- Fire Escape Live Load Test ©Copyright 2011

Fire Escape System must PASS a Level 2-Calculated Load Test in preparation for a Live Load Test. Criteria must be submitted specific to the Fire Escape System to the Fire Inspector/Marshal for approval. With Structural Engineer oversight the a Load Test will be performed, documented and or videotaped and Certification issued upon successful results. City officials may require permits or witnessing.

Disclaimer: Only reinforced, re-bolted, repaired/replaced connections/materials and or Load Tested Systems are termed Visually/Calculated/Load Test Certifiable.

This Level 3 is recommended every 25 years or as needed for Fire Escape Systems that are 75 years plus old and or in good to excellent condition but never Load Tested.

All Fire Escape Systems subject to Severe Truck/Tree Damage, Structural Trauma, Wall Deterioration and or Earthquakes should be Live Load Tested regardless of age.

FIRE ESCAPE MUST BE KEPT OPERATIONAL, STRUCTURALLY SOUND, PAINTED AND FREE OF OBSTRUCTIONS AT ALL TIMES FOR EMERGENCY USE ONLY. ANY UNAUTHORIZED USE WILL VOID CERTIFICATION OR LOAD TEST.

Typical Industry Standard Documentation for Level 3 Inspection:

(includes all level 1&2 docs and Inspector Summary Repair Video) With Engineer Criteria & Oversight, Level 1 & 2 Refurbishments and Design Modifications, Live Load Test (cable and or weights) will be performed, documented/video, Attendance by Officials (Fire and or Code) will optional but Notice Of Live Load Test must be given with 7-10 business days.



SOCIAL MEDIA

-  [TWITTER](#)
-  [YOUTUBE](#)
-  [FACEBOOK](#)
-  [BLOG](#)
- [TEST PDF](#)

DISCLAIMER

Disclaimer: Fire Escape Services, the National Fire Escape Association and Fire Escape Engineers are part of the Fire Escape Services Network which is a family-owned group of independent companies (Francisco Meneses and family.)

CONTACT US

info@fireescapeservices.com
 Phone 800-649-3333
 Fax: 888-885-7507