



FIRE ESCAPE ENGINEERS CONFIDENCE TEST

Fire Escape Engineers

Design Company or Other Company Name

Francisco Meneses

Design Professional or Other Name

License Number

License Expires Date

Address

800-649-3333
Phone

888-895-7507
fax

Sep/22/15
Site Inspection Date

City State Zip Code

info@fireescapeengineers.com
email

2962
Case ID

This document expires 30 days from date of delivery to owner/agent via email or mail unless Design Professional or Other are retained for Engineer Oversight in writing.

Site Address

Owner or Owner Agent Company

Owner or Owner Agent

Mailing Address

City State Zip Code

City State Zip Code

Phone fax

Draw Building Footprint indicating where fire escape is and north direction.

Phone fax

email Front

email



Section 604 H.C. Affidavit Filing Authority Having Jurisdiction

dbi.hisection604@sfgov.org
email

1660 Mission Street, 6th Floor
Address

(415) 558-6220
Phone

(415) 558-6249
fax

San Francisco
City

CA 94103-2414
State Zip Code

Violation Number

Written Verbal N/A

Repair/Paint Vendor or Owner/Agent acceptable by AHJ to repair/paint fire escapes:

Fire Escape Services

Repair Vendor or Agent: Company Name

Francisco Meneses

Repair Vendor or Agent: Contact Name

License Number

Repair Permit Number

This document is OR needed)

- a. a Pass/Fail Report (not to be used as a construction control document)
- b. a Fail Report with attached repairs report (with photos/drawings and repairs criteria as required for permit if permit is needed)

To the best of my Information, Knowledge, Belief and Opinion that the following statements are true and apply regarding this Fire Escape System as of the date of evaluation above.

Indicate inspection was done by:

- a. a visual walk through of the Fire Escape System all accessible areas only. NO Load Test or destructive testing was performed. Safety hammer testing, scraping, poking, and chipping are all part of visual observation and resulting damage is owner's responsibility to repair or maintain.
- b. an Evaluation of the Fire Escape System from the ground, with or without the use of visual aid, due to NO ACCESS or UNSAFE STRUCTURE WITH LIFE SAFETY ISSUES.

Fire Escape Results: Pass Fail Life Safety Issues? Yes No

- The FE System is Certified by Load Test done by Engineering/Testing Agency at 100 lbs per sq foot.
- The FE System is Certified by Other Evidence of Strength (full or partial refurbishment or NEW) in lieu of load test.
- The FE System is Certified by Opinion Affidavit, accepted by AHJ as ready for use with opinion disclaimer of liability.
- Inspection/Evaluation determined the Fire Escape System FAILED. It is NOT structurally sound and/or painted.

California: Existing fire escapes must be examined for structural adequacy and safety. This inspection requirement applies to all elements of fire escapes such as metal balconies and stairs and any fixed or movable ladders associated with the fire escapes. The inspection requirement applies to fire escapes attached to the exterior of buildings. It does not apply to the types of building elements such as elevated porches, walkways and architectural stairs.

I declare under penalty of perjury that the foregoing is true and correct. Executed on

Francisco Meneses

License Number

Section 604 H.C. Affidavit Filing

Design Professional or Others Acceptable to AHJ



Authority Having Jurisdiction

AHJ accepted form at counter?

AHJ accepted form after final inspection?

Notary

Deficiency Report with Code Issues and Corrective Action Report

NOT to be used as a Construction Control Document unless noted and Formal Repair Report attached.

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Fire Escape Results: Pass Fail **Life Safety Issues?** Yes No

OVERALL	TREADS	STRINGERS	RAILS	STRUCTURAL	CEMENT	PAINT	GRATING	LADDER	CANTILEVER	CATWALK
<input type="checkbox"/> EXCELLENT	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> EXCELLENT
<input checked="" type="checkbox"/> GOOD	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> GOOD
<input type="checkbox"/> FAIR	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> FAIR
<input type="checkbox"/> POOR/FAIL	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> POOR/FAIL
<input type="checkbox"/> LIFE SAFETY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> LIFE SAFETY
<input type="checkbox"/> PRE-EXISTING	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> PRE-EXISTING
<input type="checkbox"/> MISSING	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> MISSING
<input type="checkbox"/> N/A	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> N/A

1) All fabrication, installation and maintenance of fire escape is to code and met industry standards on date of installation. Yes No N/A

Repair Replace Remarks
 Reinforce See Report

2) There are **NO** pre-existing non-conforming issues requiring AHJ notification for approval. Yes No N/A

Repair Replace Remarks
 Reinforce See Report

3) All welds **PASS** by visual observation only, unless noted: re-bolted, x ray or load tested Yes No N/A

are structurally sound having **NO** internal rust jacking, external surface rust and/or material deterioration.

Repair Replace Remarks
 Reinforce See Report

4) Overall the fire escape system **PASSES** Yes No N/A

is structurally sound having **NO** internal rust jacking, external surface rust and/or material deterioration.

Repair Replace Remarks
 Reinforce See Report

5) Footings/Piers - **PASS** Yes No N/A

are structurally sound having **NO** internal rust jacking, external surface rust and/or material deterioration - NO heaving or sinking

Repair Replace Remarks
 Reinforce See Report

6) Walls of attached fire escape system- **PASS** by visual observation only on date of evaluation Yes No N/A

appear to be structurally sound having **NO** material deterioration - NO structural cracks/ deterioration, deflection or bulging

Repair Replace Remarks
 Reinforce See Report

7) Supports into masonry wall - **PASS** Yes No N/A

are structurally sound having **NO** material deterioration - NO structural cracks/deterioration, rust jacking, deflection or spauling

Repair Replace Remarks
 Reinforce See Report

8) Thru bolts into wood structure or masonry walls - **PASS** Yes No N/A

are structurally sound having **NO** material deterioration - NO structural cracks/deterioration, rust jacking, deflection or wood rot

Repair Replace Remarks
 Reinforce See Report

9) Platforms, Slats, Grating, Mesh, Cement, Cast Iron, Wood and Angle and or Steel Frame - **PASS** Yes No N/A

are structurally sound having **NO** material deterioration - **NO** internal rust jacking or external surface rust or wood rot

Repair Replace Remarks
 Reinforce See Report

10) Stair Stringers, Upper & Lower Hanger Clips - **PASS** Yes No N/A

are structurally sound having **NO** material deterioration - **NO** internal rust jacking or external surface rust or wood rot

Repair Replace Remarks
 Reinforce See Report

11) Stair Treads: Plate, Slats, Grating & Bolts and/or Welds - **PASS** Yes No N/A

are structurally sound having **NO** material deterioration - **NO** internal rust jacking or external surface rust or wood rot

Repair Replace Remarks
 Reinforce See Report

12) Railings - on platforms, stairs & catwalks - **PASS** Yes No N/A

are structurally sound having **NO** material deterioration - **NO** internal rust jacking or external surface rust or wood rot

Repair Replace Remarks
 Reinforce See Report

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- 13) Fixed Ladders to Roof and/or to Grade & Bolts and/or Welds - PASS Yes No N/A
are structurally sound having **NO** material deterioration - **NO** internal rust jacking or external surface rust or wood rot or spauling
 Repair Replace Remarks
 Reinforce See Report
-
- 14) Balanced Ladders: Bolts and/or Welds, Weight, Release Mechanism and other components - PASS Yes No N/A
are structurally sound having **NO** material deterioration - **NO** internal rust jacking or external surface rust and are to grade/public way
 Repair Replace Remarks
 Reinforce See Report
-
- 15) Cantilevers: Bolts and/or Welds, Weight Box, Release Mechanism and other components - PASS Yes No N/A
are structurally sound having **NO** material deterioration - **NO** internal rust jacking or external surface rust and are to grade/public way
 Repair Replace Remarks
 Reinforce See Report
-
- 16) Catwalks & Bolts and/or Welds - PASS Yes No N/A
are structurally sound having **NO** material deterioration - **NO** internal rust jacking or external surface rust and lead to the fire escape and completes to grade
 Repair Replace Remarks
 Reinforce See Report
-
- 17) All components: doors, windows, window guards, cages and gates- PASS Yes No N/A
are single action requiring no special knowledge, no keys and no obstruction and lead to public way
 Repair Replace Remarks
 Reinforce See Report
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- 18) All electrical power is 10 feet or more away from fire escape or covered to code. Yes No N/A
 Repair Replace Remarks
 Reinforce See Report
-
- 19) Overall the fire escape is not illuminated due to pre-existing code on date of install. Yes No N/A
 Repair Replace Remarks
 Reinforce See Report
-
- 20) Overall fire escape system has no interior or exterior obstructions such as a/c units, plants, bikes, trash etc. Yes No N/A
 Repair Replace Remarks
 Reinforce See Report
-
- 21) Overall fire escape system has no storage of flammables or code restricted items on, in or underneath. Yes No N/A
 Repair Replace Remarks
 Reinforce See Report
-
- 22) The fire escape system is made of: Painted Steel Galvanized Steel Aluminum Wood Mix Other...
-
- 23) This Fire Escape System is maintained/painted/stained and/or weatherproofed. Yes No N/A
 Scrape, Seal and Full Paint
 Scrape, Seal and Spot Paint
-
- 24) The owner is notified, by email or hand delivered, that EPA Lead Paint Rules apply because the FE system was built before 1978. Yes No N/A
 Scrape, Seal and Full Paint
 Scrape, Seal and Spot Paint
-
- 25) Other remarks or Pre-existing Non-Conforming Issues: Yes No N/A

STEPS TO CERTIFICATION

- 1) Repair Report by Design Professional or Other Acceptable to AHJ for repair permit if required
 2) Permit by licensed vendor with EPA license
 3) Progress and or final inspection by Design Professional or Other Acceptable to AHJ
 4) Submit final Certification by Load Test, Other Evidence of Strength, or Opinion Affidavit
 5) repeat every 5 years

