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Safety Report Card

Timothy Hogan
Deputy Commissioner, Enforcement

NYC
Buildings

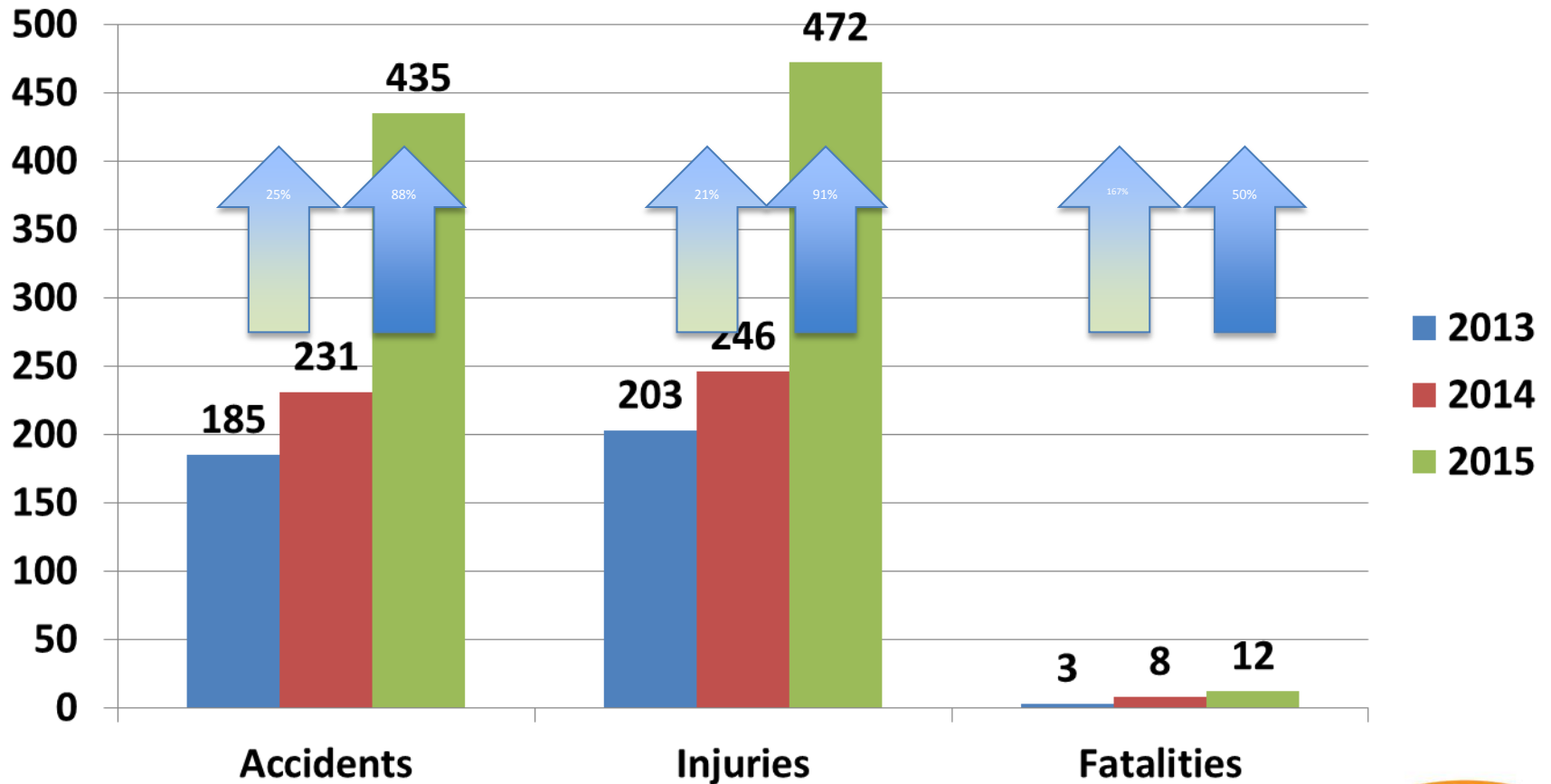
Topics

- Construction Accidents Overview
- Construction Fatalities
- Construction Superintendent Rule
- Accident Prevention



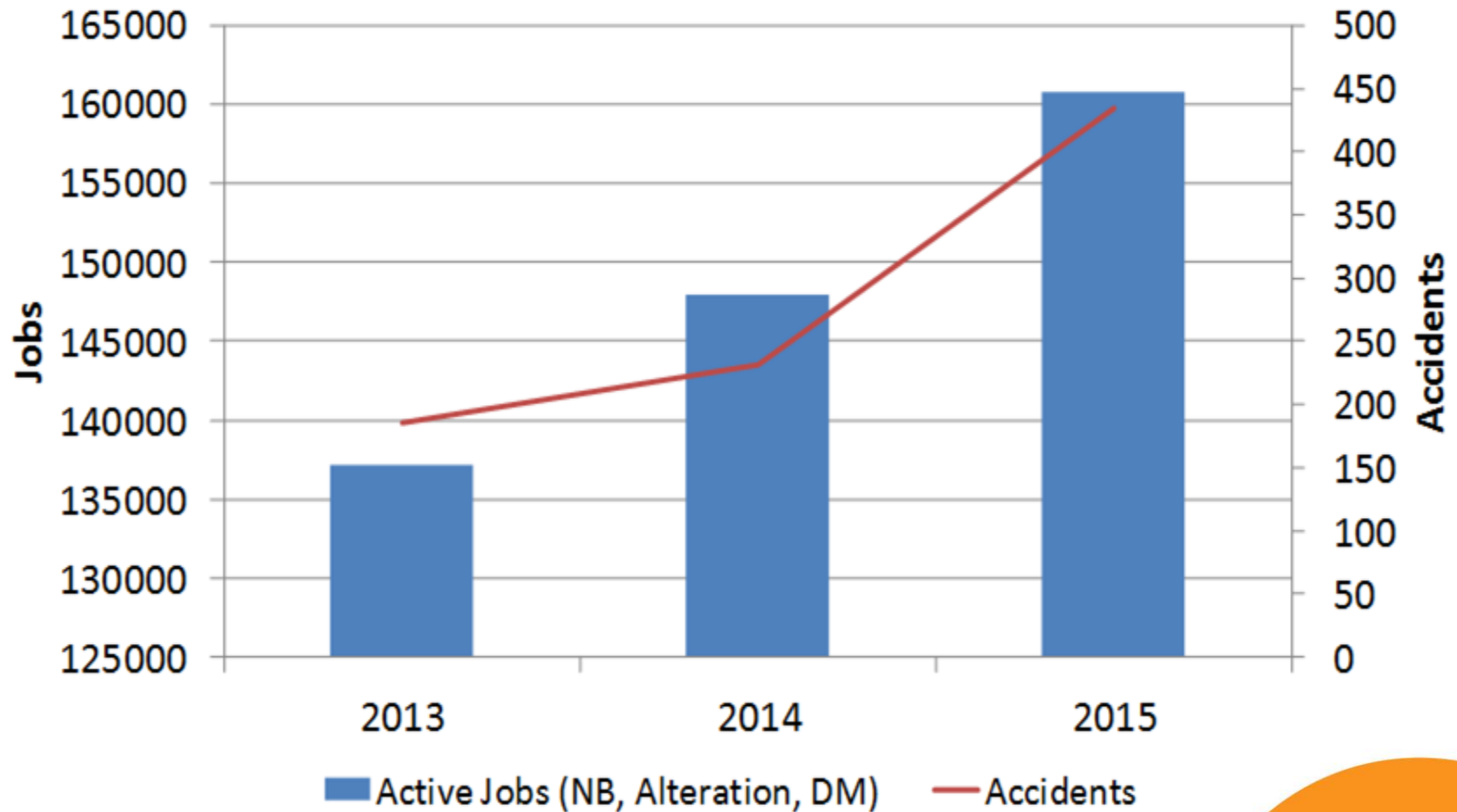
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Construction Accident Overview



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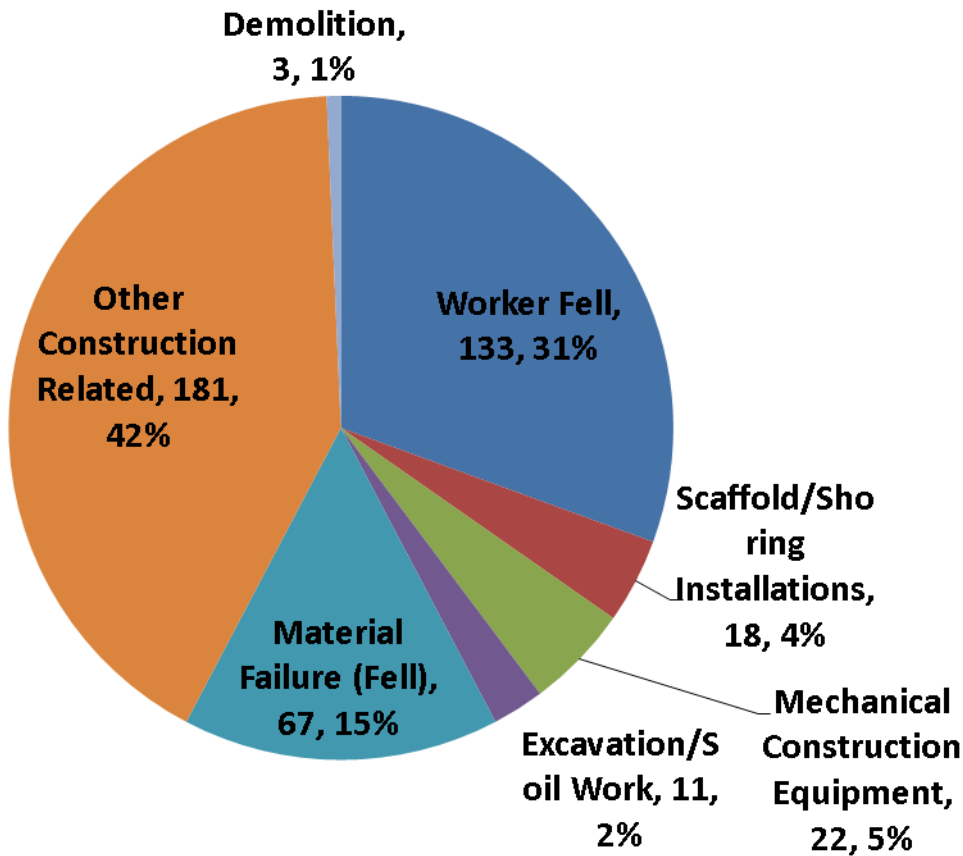
Construction Accidents vs. Jobs



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2015 Construction Accidents by Category

2015 Other Construction-Related Accidents increased 174% compared to 2014



- 49% of these accidents were reports of minor cuts, bruises, scrapes, pinches, etc., where the worker transported themselves for medical treatment
- 33% of these accidents were due to the use of small tools and equipment (saws, grinders, hammers, mini containers, dumpsters, etc.)

2015 Construction Related Fatalities

- Worker Fell (6)
- Excavation/Soil Work (2)
- Mechanical Construction Equipment (1)
- Material Failure/Fell (1)
- Demolition (1)
- Other Construction-Related (1)



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Worker Fell



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Mechanical Construction Equipment



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Other Construction-Related



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Worker Fell



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Excavation/Soil Work



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Worker Fell



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Worker Fell



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Worker Fell



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Excavation/Soil Work



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Material Failure



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Worker Fell



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Demolition



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Worker Fall: Contributing Factors

Worker Error

- Not wearing or improper use of fall protections
- Distracted

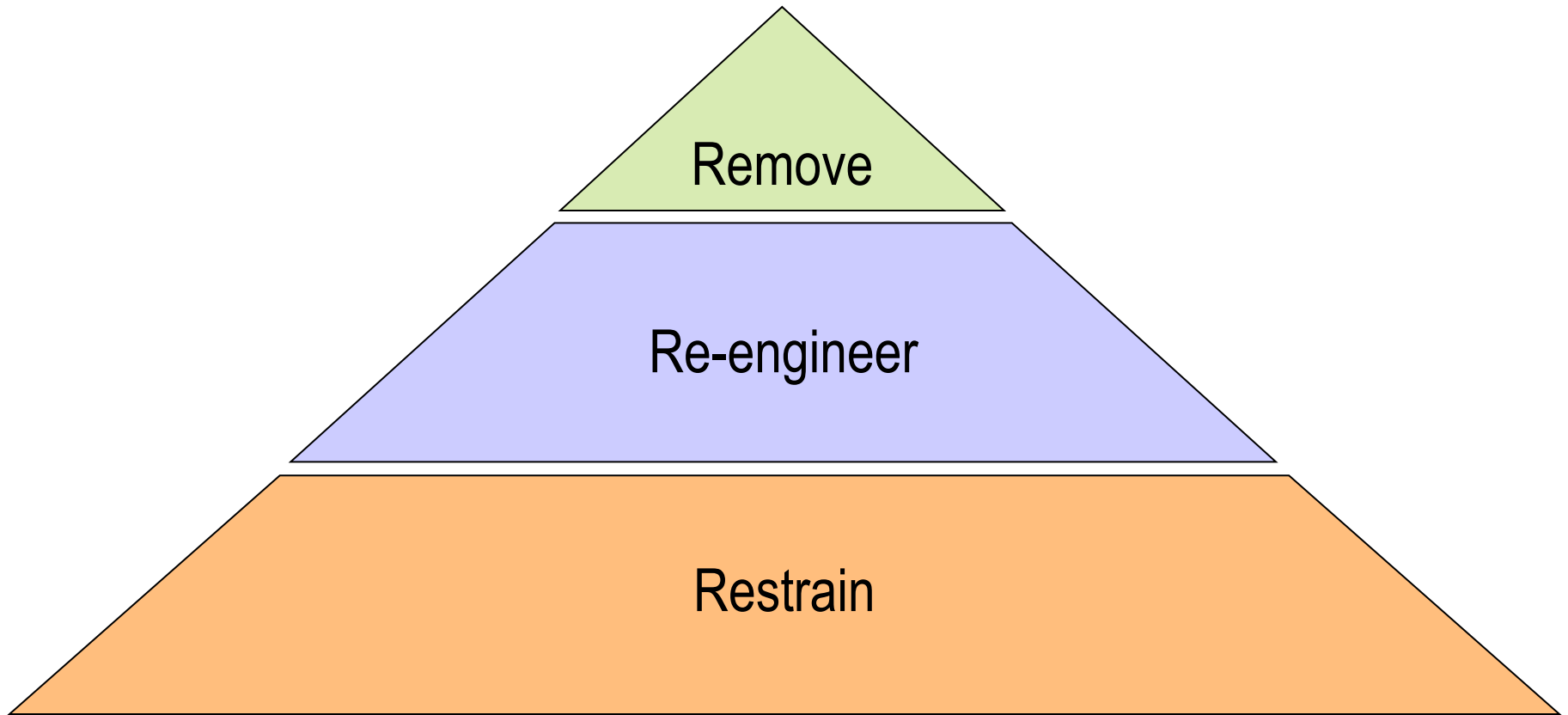
Contractor Error

- Improper or no pre-task planning
- Lack of or inadequate temporary protection
- Inadequate or improper tools for the task
- Shortcuts/unsafe work practices



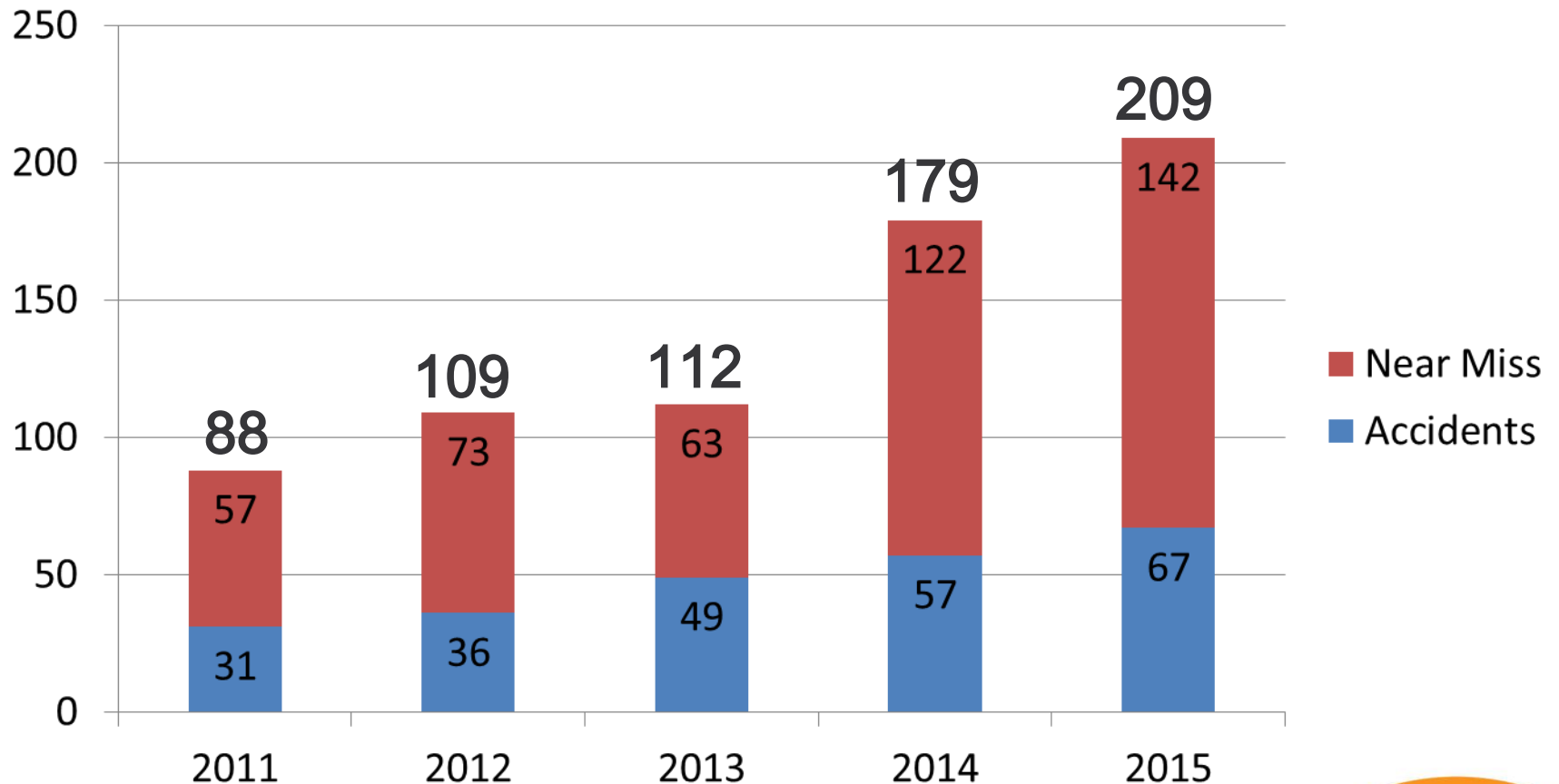
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Fall Hazard Prevention



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Material Fell: Accidents vs. Near Misses



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Material Failure/Fell: Contributing Factors

Worker Error

- Distracted from task
- Carelessness
- Taking shortcuts

Contractor Error

- Poor housekeeping
- Lack of or inadequate temporary protection
- Inadequate supervision
- Shortcuts/Unsafe work practices

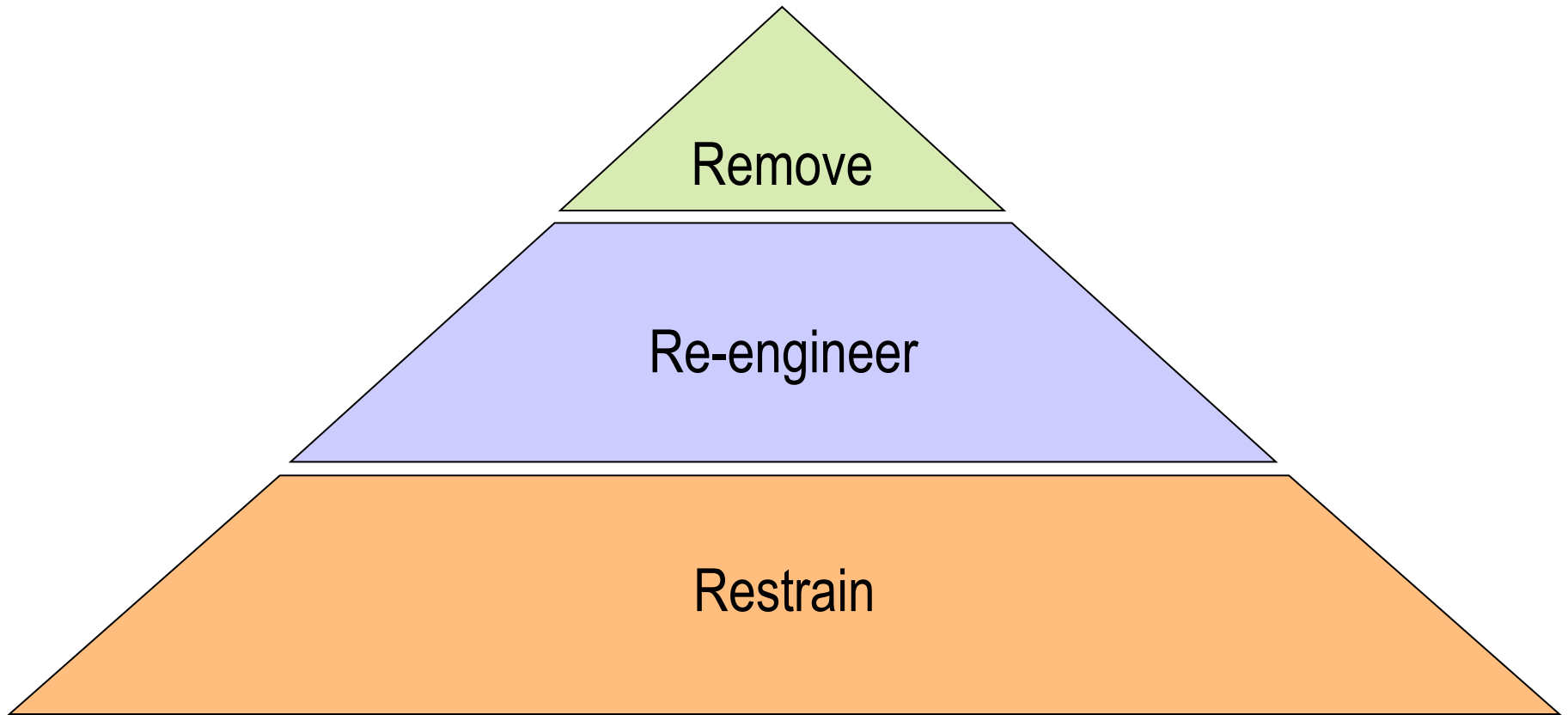
Material Failure

- Improper or lack of planning
- Overloading
- Design Related
- Special Inspection Related



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Material Fall Hazard Prevention



Construction Superintendent Rule Revision

Key Revisions To Rule

- All existing rules remain in effect
- Work scope covered now includes **certain alterations** (permits issued or renewed after 8/30/15)
- 1-3 family new buildings no longer require CS (5/30/15)
- CS duties expanded
- Competent person (as defined in Chapter 33) designated by CS must be on site at all times (5/30/15)



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Alteration Work Scope Covered

- Vertical or horizontal enlargements; or
- Alterations/demolitions of more than 50% of floor area of existing building; or
- Complete removal of one or more floors; or
- Work requiring a special inspection for underpinning or support of excavation (SOE).

NOTE: Any work requiring a site safety program (SSP) is exempt.



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Construction Superintendent: *Job* Defined

Job. A design and construction/demolition undertaking consisting of work at **one building** or structure, as well as related site improvements and work on accessory structures. A job may consist of one or more plan/work applications, and may result in the issuance of one or more permits.

An individual may only be designated as a primary or alternate construction superintendent for that number of jobs for which he or she can **adequately perform** all required duties. No individual may be designated as the primary construction superintendent on **more than ten (10) jobs**.



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Construction Superintendent: Duties

- Visit site at least **once each day** of active work (8/30/15)
- Keep site safe/compliance with Chapter 33 (Safeguards during construction and demolition)
- Construction plan conformance
- Verify work is being conducted in accordance with sound construction/demolition practices
- Inspect all areas of work



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Construction Superintendent Duties (cont.)

- Ensure correction of unsafe conditions
- Report accidents and damage to adjoining property
- Designate a competent person to be on site at all times and supervise construction (5/30/15)
- Keep daily logs of activity on site in accordance with minimum content requirements (5/30/15)



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Construction Superintendent vs. Site Safety Manager & Site Safety Coordinator

- The duties of a Construction Superintendent (CS), Site Safety Manager (SSM), and a Site Safety Coordinator (SSC) are not analogous
- A SSM-SSC may not substitute for a registered CS
- Unique duties of CS
 - Construction plan conformance
 - Verify work is being conducted in accordance with sound construction/demolition practices
 - Designate a competent person to be on site at all times and supervise construction
 - Inspect all areas of work
 - Ensure correction of unsafe conditions



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DOB Actions To Reduce Accidents

- Rule Changes (Construction Superintendent)
- Increased monitoring
 - Low rise sweeps
 - High rise sweeps
 - Contractor sweeps (bad actor)
 - Imposing Safe Compliance Officer (SCO) on problem jobs/contractors
 - Data analytics to identify trends of bad actors



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Thank you!



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