

Incident Report

Control Type: N/A

Machine Type: Overhead Traction

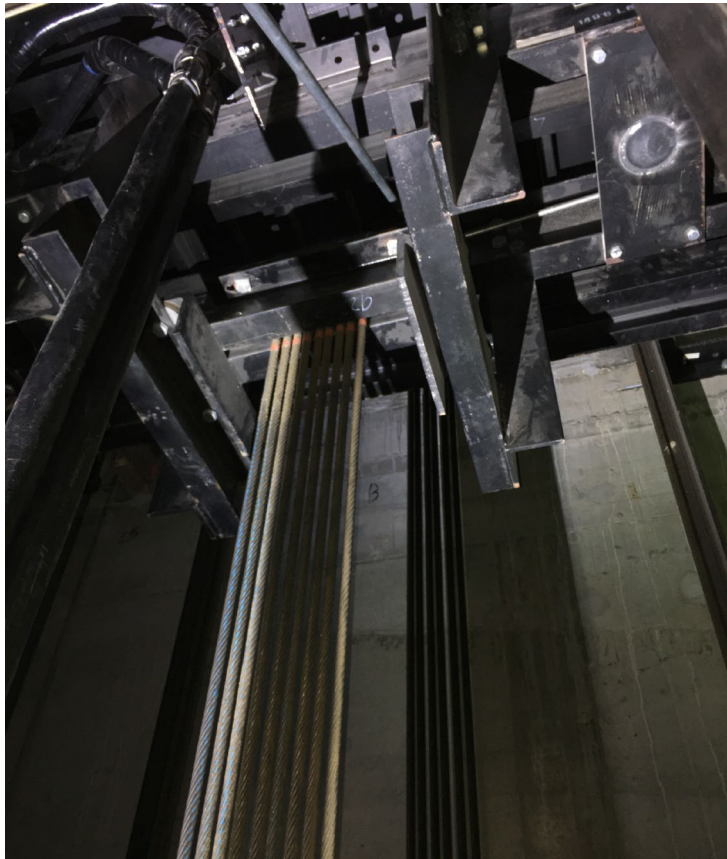
Speed: 2000 fpm (1000 fpm temp. construction car speed)

Capacity: 3000 lbs.

Rise: 1500 feet

Hoistway Configuration: High Rise, duplex

Conditions: New Construction/Testing



Description of Incident

- An Adjuster and his Apprentice were performing a new construction temporary safety test.
- The car was loaded with 3,000 lbs. of test weight at the 131st floor. The Adjuster was in the machine room and the Apprentice was at the top floor with the chase car.
- The car was run down at 1250 fpm and the governor was tripped to engage the safeties. The safeties engaged and brought the car to rest at approximately the 121st floor.
- The compensation rope hitch underneath the car separated from the steel angles and channel and fell to the pit, 121 floors below. There were nine 11/16" comp. ropes.
- The comp. ropes bent rails, ripped out rail brackets, hoistway screening, limits, door locks, bent buffer platform and headers.
- Miraculously no one was injured.

Photos Approved by IUEC Safety

Recommendations and Lessons Learned



- Always perform a JHA.
- Be sure to follow manufacturers recommendations for installation of equipment.
- Follow company procedures and standard work processes for testing and adjusting.
- The span between the angles and channel was possibly too great for the compensation hitch beam. There was not enough support to hold the weight of the compensation block/hitch and ropes.

Photos Approved by IUEC Safety