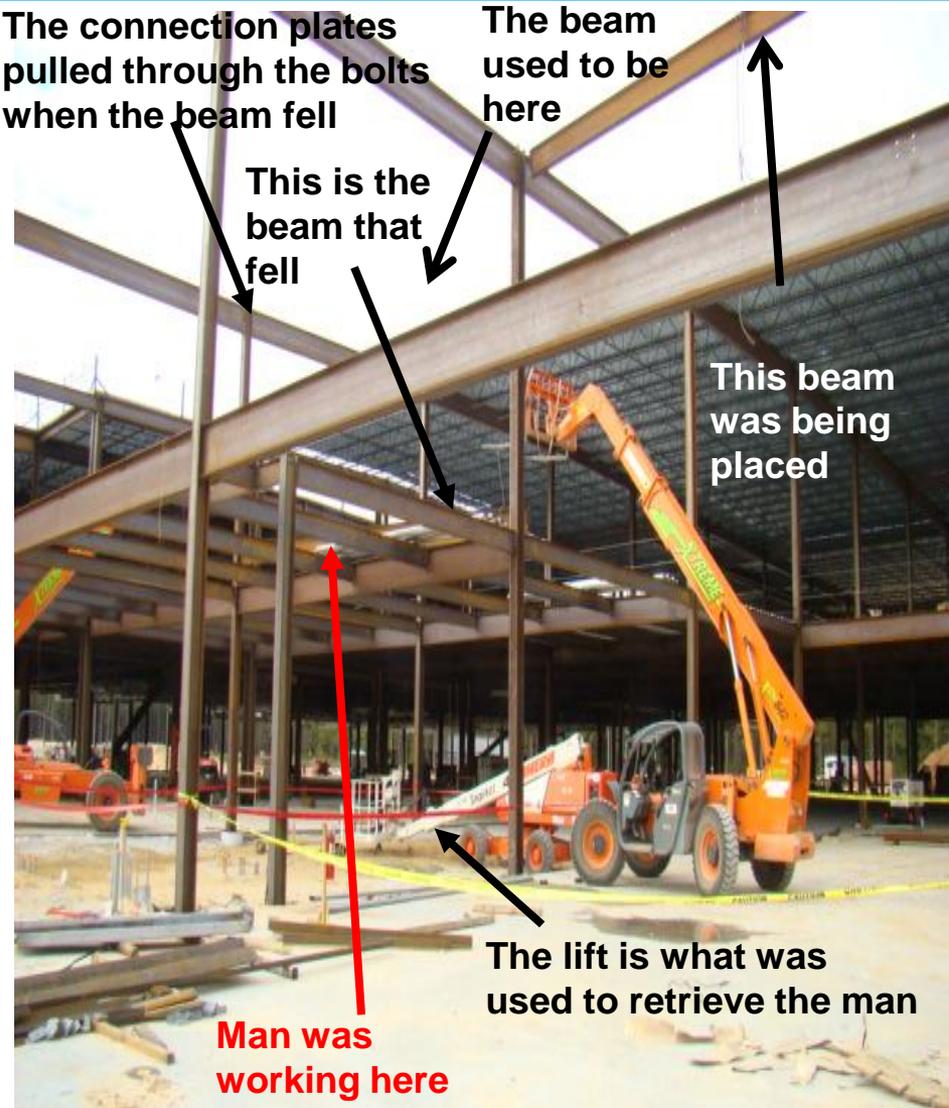


# Steel Erection Contractor Fatality



- 38 year old Iron Worker
- Second Tier Sub
- Cause: Unsecured load above
- Root Cause(s): Beam released from material handling equipment without being fastened, bolted, or without seat support during double connection process.
- Initial Lessons Learned:
  - Ensure there is a fastened bolt or seat for double connections during erection.
  - Ensure no one is under a live load.

# Steel Erection Double Connection

When two structural members on opposite sides of a column web or beam web over a column are connected sharing common connection holes, at least one bolt with its wrench-tight nut shall remain connected to the first member unless a shop-attached or field-attached seat or equivalent connection device is supplied with the member to secure the first member and prevent the column from being displaced. If seta or equivalent device is used the seat shall be designed to support the load during double connection process.

*\*\*EM 385-1-1, 2008 Edition, Section 27.F.20*

