

# Contractor Serious Mishap

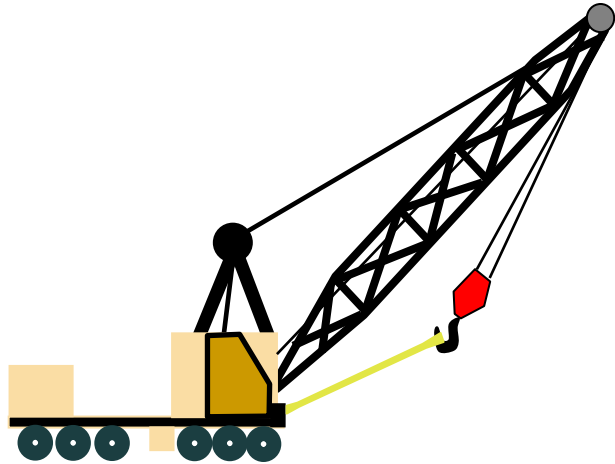
## Crane Boom Collapse



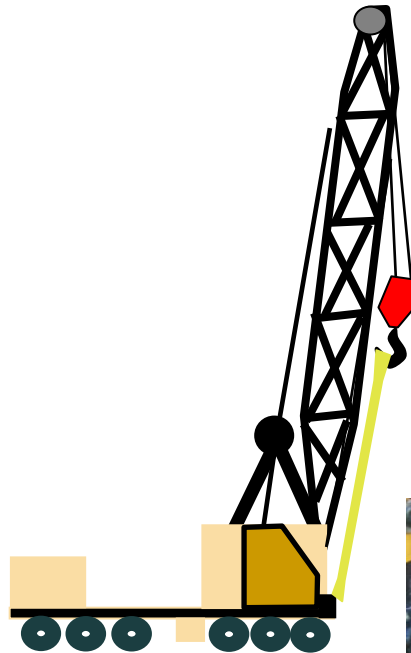
- **140 ton model 3900 Manitowoc crane**
- **Activity:** Crane operator left crane cab unattended with running engines during pre-cast concrete installation. Boom rose, breaking two load line anchor points off the frame, & collapsing boom backward.
- **Damage:** Crushed corner of temporary on-site office trailer.
- **Root causes:**
  - Crane unattended with running engine
  - Torque converter rigged to full power; bypassing controls
- **Lessons learned:**
  - **NEVER** leave running crane unattended
  - Controls must be well maintained and never bypassed

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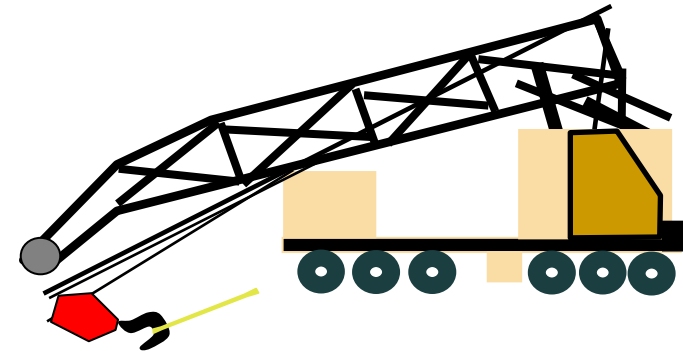
## Crane Boom Collapse



Original position – crane idling (there were two hooks – only one shown)



Approximate position when two loud pops were heard (cast iron rings breaking off)



Final position