On August 9, 2010, OSHA issued final rules addressing the use of cranes and derricks in construction. The new requirements are specifically aimed at hazards related to worker death and injury: electrocution, crushing injuries by parts of the equipment, falling loads, and worker falls.

A majority of the changes contained in these rules will become effective on November 8, 2010, however the operator certification provisions have delayed effective dates ranging from 1 to 4 years.

While these rules don’t specifically target the outdoor advertising industry, they will change the way the outdoor advertising industry does business.

Significant requirements in these new rules include:

- Assessing the ground conditions
  - The controlling entity has the responsibility to ensure that ground conditions are appropriate to satisfy the requirements of the lifting device.  *(See §1926.1402)*

- Detailed procedures for working in the vicinity of power lines *(See §1926.1408 and §1926.1410)*

---

**Could you get within 20 feet of power line?**

- **YES**
  - Option #1: Deenergize & Ground
  - Option #2: 20-foot clearance
  - Option #3: Ask Utility for Voltage and Use Table A *(with minimum clearance distance)*

- **NO**
  - Encroachment Prevention Measures *(Equipment Operations)*
    - Planning meeting
    - If tag lines used → Non-conductive
    - Elevated warning lines, barricade or line of signs
      - PLUS (Choose one):
        - Proximity alarm, spotter, warning device, range limiter, or insulating link
  - No further action
For more information about this new rule, please contact the Outdoor Advertising Association of America
202-833-5566 | www.oaaa.org

Table A – Minimum Clearance Distances

<table>
<thead>
<tr>
<th>Voltage (nominal, kV, alternating current)</th>
<th>Minimum clearance distance (feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td>up to 50</td>
<td>10</td>
</tr>
<tr>
<td>over 50 to 200</td>
<td>15</td>
</tr>
<tr>
<td>over 200 to 350</td>
<td>20</td>
</tr>
<tr>
<td>over 350 to 500</td>
<td>25</td>
</tr>
<tr>
<td>over 500 to 750</td>
<td>35</td>
</tr>
<tr>
<td>over 750 to 1000</td>
<td>45</td>
</tr>
<tr>
<td>over 1000</td>
<td>(as established by the power line owner/operator or registered professional engineer who is a qualified person with respect to electrical power transmission and distribution)</td>
</tr>
</tbody>
</table>

- Inspections
  - After repairs, monthly, and annually (See §1926.1412)
  - Daily wire rope inspections by a competent person (See §1926.1413)
- Telescopic boom equipment (including Skyhooks)
  - Equipment manufactured after February 28, 1992 must be equipped with a positive locking anti two blocking device (See §1926.1416)
- Work area control (See §1926.1424)
  - The swing area must be marked or barricaded
- Certification of Operator of cranes with a capacity greater than 2,000 lbs (See §1926.1427)
  - The final rule requires operators of most types of cranes to be qualified or certified under one of the options set forth in §1926.1427
  - Employers have up to 4 years to ensure that their operators meet these requirements
- Signal person qualifications (See §1926.1428)
- New requirements for pin on baskets and buckets for boom trucks (See §1926.1431)

To review the new rules, please visit http://www.osha.gov/doc/cranesreg.pdf