



Oregon
Theodore R. Kulongoski, Governor

Department of Consumer and Business Services
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June 26, 2002
Revised: September 30, 2009

Gregory Brown
Oregon Department of Transportation
455 Airport Way SE
Salem, OR 97301

Dear Mr. Brown:

In your June 26, 2002 letter you asked questions about digger derricks, specifically what separates digger derricks from the crane classification, and if digger derricks are exempt from the anti-two blocking requirement.

As background, I gathered from your letter that you reviewed *1926.550, Subpart N - Cranes, Derricks* and noticed that section C requires an anti-two-blocking device to prevent contact between the load block and boom tip. You said that all of your cranes statewide have this device but your digger derricks do not. In fact, you said that you haven't seen any digger derricks with this device in anyone's fleet statewide. You mentioned that Overton Safety (vendor responsible for our crane certification course) told you these are considered line trucks, meet ANSI A92.2 and ANSI A10.31, and employ a boom winch for lifting overhead loads.

You asked what separates digger derricks from cranes. The answer comes from the ANSI A10.31 committee. They describe digger derricks as special multipurpose vehicle-mounted machines primarily designed to accommodate components that dig holes, set poles and position materials and apparatus. Although, digger derricks have a crane like configuration they are not subject to the Oregon OSHA crane rules.

The answer to your second question is yes, they are excluded from having anti-two-block devices. The American National Standard that covers safety requirements and specifications for Digger Derricks is ANSI A10.31. Under the general provisions and scope, A10.31.1.1.2 excludes general-purpose cranes.

1926.550(g)(3)(ii)(C) covers cranes and derricks that are used for design, construction, testing, use and maintenance of personnel platforms, and for the hoisting of personnel platforms on the load lines of cranes or derricks. It does not apply to multipurpose vehicle-mounted machines commonly known as digger derricks.

Please contact Ron Haverkost at (503) 378-3272 if you have additional questions.

Sincerely,

Peggy Munsell, Manager
Standards & Technical Resources Section
Oregon Occupational Safety & Health Division