Chip Pocock

From: Rick Marshall [rmarshall@goettle.com]
Sent: Tuesday, September 30, 2003 7:25 AM
To: Chip Pocock
Subject: FW: OSHA

Chip,

I t was a pleasure speaking to you yesterday. This is the email response I sent to Jim Harmston of Foundations Services / Hayward Baker, that we spoke about. This morning, as I type this I have only received two responses form other ADSC members, one a drilled shaft contractor and the other an equipment manufacturer. They both agree we need to discuss the mater in committee meeting coming up in October.

I want to thank you for bringing this matter to our attention, and then volunteering to be an unofficial liaison for us at the CADAC meetings. If you think it would be of any benefit, I am sure myself and /or another ADSC member could attend a future meeting to further explain our position and comment.

It was great talking to you. The ADSC is performing an Anchor Micropile Installation School (AMPIS), November 2 - 9, 2003 in Greensboro. I will be there on Sunday the 2nd to teach the safety portion of the school. If you are interested in seeing an example of the educational programs our association offers its members, I am sure you would be welcomed to observe. Either go through myself or contact John Matulia @ Hayward Baker who can contact Jim Harmston of Foundation Services/Hayward Baker. Jim is the coordinator of the AMPIS School.

Again thanks for your help,

Rick Marshall
Safety Director / ADSC Safety Committee Chairman
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-----Original Message-----
From: Rick Marshall [mailto: rmarshall@goettle. com]
Sent: Saturday, September 27, 2003 10:52 AM
To: Jim Harmston
Cc: Eric Reuther; Tom Witherspoon; Scot Litke; Rebecca Fisher; Mike Kemery; Kevin Sharp; Joe Hendricks; Jim Melcher; Harris Wilson
Subject: RE: OSHA

Jim,

I am writing this note without consulting anyone else from the ADSC. We will definitely bring it up in the Safety Committee meeting, and I will email to Tom Myers to discuss possible legislation for drill rigs to be classified as cranes in the "Emerging Technologies Committee meeting at the fall board meeting, Oct 10 & 11, 2003.

To the best of my knowledge, most ADSC members are adamant that they do not consider their drill rigs as cranes. I believe this applies to "European Style", and the US based, self-contained drill rigs either truck or track mounted. This statement should not include crane mounted drilling attachments. We have even provided laminated warning signs to post in the rigs indicating this message.

My personal opinion is that we (ADSC Members) purposely avoid calling these units cranes or crane-like so as to not have to comply with the rules and regulations that govern actual cranes such as inspection, load charts, and possible certification of the operator. We say that we only use the drill rig to "service the hole" meaning we only hoist tooling, muck buckets or other minor items. Yet we see time and time again, these rigs hoisting cages and casing, eliminating the need of a service crane for the job (hence lowering equipment costs). I know because I have problems with our operations people on this subject all of the time. Everyone always refers to the auxiliary hoist's line pull capacity, but forget the mast has no hoisting rating, for the machine has no load chart indicating so.

My official position would be that up until this moment, the manufacturers of drilled shaft drilling equipment do not indicate any lifting capacities for their respective units. They do specify drilling depths, diameters, horsepower, torque, weights, length, width, line pull, etc. but do not indicate how much load the auxiliary line and mast can safely handle at a given distance from the center of rotation (center pin) of the unit. They do print warnings in the manual not to overload the unit, but offer no load chart capabilities.

It is my belief that it would be difficult for the drill rig manufacturers to engineer a retrofit load rating system for the numerous rigs that are currently in use today. It is very possible that some manufacturers are no longer in business, yet their equipment continues to operate, making retrofit impossible in many cases. The manufacturers will contend that their respective equipment is built according to the standards that govern this type of product and load capacity ratings are not required.

Instead of considering the drill rig as a crane, perhaps the new standard should address how the drill rig is used. If it is used solely for drilling and handling of the rig's tooling with the mast in a vertical position (or X number of degrees from vertical, according to the manufacturer), then the unit should be operated, inspected and maintained as recommended by the manufacturer and documented by the user. If the drill rig is used to hoist material such as rebar cages or casing in addition to drilling, then the user must have specific written permission from the manufacturer for such hoisting operations, or a hoisting plan created by a registered professional engineer for the specific intended use of the drill rig hoist system. In each case the maximum parameters of the drill rig's lifting capabilities should be clearly spelled out and then only operated under those conditions. All inspections and other applicable OSHA standards for cranes would then apply to the drill rig.

If my statement is wrong, and there are drill rigs and or "dedicated pile drivers" available that do have load chart ratings, then I believe these should be considered a material-handling device much like a crane is. They should be subjected to the same manufacturing requirements that cranes are held to, as well as the user requirements currently in place for cranes.

I will try to get in touch with Chip before he goes to Washington and relay my thoughts.

Rick

-----Original Message-----
From: Jim Harmston [mailto: jharmston@triad. rr. com]
Sent: Friday, September 26, 2003 9: 36 PM
To: Matulia, John
Cc: Rick Marshall; Scott Litke
Subject: Re: OSHA

I will forward immediately to Scott Litke and Rick Marshall
Jim
----- Original Message -----
From: "Matulia, John" <JFMatulia@HaywardBaker.com>
To: <jharmston@triad.rr.com>
Sent: Friday, September 26, 2003 5:14 PM
Subject: OSHA

I just received a very interesting call from Chip Pocock from Buckner Steel. Chip and Doug Williams are on an OSHA comittee called CADAC or Crane and Derrick Advisory Comittee. They are charged with updating the OSHA standards pertaining to cranes. The comittee is currently in the "Negotiating" phase. The comittee's next meeting is 10/1/03 in Wash. DC. Buckner is there as a representative of the contracting industry. Also on the comittee are Link-Belt, Manitowoc, Unions, Insurance Companies, etc.

The reason for his call is that CADAC has defined a "Crane" as " a device that can hoist more than 1 ton and the move it horizontally". Some people on the comittee are pushing to include "Dedicated Pile Drivers" in this definition, in other words, European style piling drills like the KB3010. He didn't say so but that would mean that most any drill with a hoist, such as the Beretta or the 701, could be included.

The rub is that this would mean that these drills would be subject to things such as annual hoisting inspections, required load charts, certified operators, etc.

His question was that is there a trade association of drilling contractors and what might their position be on this issue ? He is assuming that the drilling industry would resist having drills come under this type of regulation, but he would like to hear from a drilling contractor or trade association. I told him about ADSC and that someone would contact him before he leaves for the meeting on 9/30/03 at noon.

Could you think about this and have ADSC, or whoever, contact Chip, even though this is short notice ? Direct line 336-376-4015 or mobile 336-214-6294

Thanks, John