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From: LBurney26@aol.com [mailto:LBurney26@aol.com]
Sent: Thursday, July 08, 2004 8:48 AM
To: connell.noah@dol.gov
Subject: Proximity alarm definition support

Mr. Connell:

As far as I am aware, Sigalarm is currently the only proximity alarm company selling to the crane industry in the US. We have sold thousands of units over 30 years. There are several companies outside the US who have similar products. I have seen 30 years of testimony concerning proximity alarms and provide you with the following information.

Please note DOE recommendations for using a proximity alarm that senses electrostatic field not magnetic field which DOE recommends NOT to use a proximity alarm based on magnetic field since it is a variable field based on current flow not voltage.
(BY FAR this is the most important element of a proximity alarm to function properly)

http://nattie.eh.doe.gov/docs/osh_tr/ch73.html

Definition of a Proximity Alarm:

A device that provides a warning of proximity to a power line based on the electrostatic field. Device must be manufactured to ISO 9001 standards or better. Device must have a self test function that is either continuous or manual. Manual must be available to operator. Device must be approved by a nationally recognized testing laboratory (when a national standard is available).

Cordially,

Lance Burney
CEO
Sigalarm