



*Lloyd Electric's Newsletter for the industrial Community*

# MAINTENANCE "MATTERS"

**Vol 1 October 2006**

## The Concept

After talking to our sales staff and our outside technicians, we realized that many maintenance managers and their staff are too busy doing either predictive & preventive maintenance work or repairing equipment to look at trade journals, surf the internet or talk to a sales support person to discuss new ideas and technologies.

As an electrical after market service company we must continually acquaint ourselves with the latest concepts and technologies in order to train our staff and offer only the viable new technical services to our ever growing customer base.

We thought that while we are gathering this information why not make it available to our customers? So we came up with the idea of distributing a newsletter by hand or e-mail every two months.

We would appreciate any comments and ideas to make this newsletter more informative and interesting.

Please contact us at [sales@lloydelectric.net](mailto:sales@lloydelectric.net)

## WHO IS LLOYD ELECTRIC ?

As this is our first issue we would like to tell you a little about our company



### Lloyd Electric Company Repairing electric motors for over 85 years!

The Lloyd Electric Company provides industrial products and services that will assist the always busy manufacturing plant maintenance staff keep the manufacturing and ancillary equipment not only running, but running to it's highest level of efficiency and performance.

Our experience includes all types of electric motors, controls, pumps, fans, gear boxes, and related products and on-site services.

Our Roanoke location in Western Virginia can offer these services 24/7/365 utilizing our experienced craftsmen, technicians, and engineers. We serve Western Virginia, Northern North Carolina, West Virginia, and parts of Tennessee

Our shop capabilities are only limited to the 20 foot door way, from the smallest special motor through the largest mill motor that a plant may have.

Our motto is:

**"Service Before Self Since 1920".**



*Super-E Family*

## OUR NEWSLETTER TITLE

The play on words in our newsletter title is intentional. Maintenance certainly does "matter" even though sometimes people in the company forget until there is an equipment failure.

In the dictionary one of the meanings of "matter" is "something that is subject to discussion or concern and action". This is what we will try to bring you in this newsletter in the coming months



### TECH TALK

## Laser Alignment

Most maintenance technicians are well aware of the benefits of laser alignment as a corrective tool to align or re-align systems, (motors, bearings, gearboxes etc..) using laser alignment equipment when the spectra collected during a vibration analysis shows that misalignment is the probable cause for excessive vibration or whenever a new or spare electric motor is installed.

What is not so obvious is the need for this technology as a preventive maintenance tool. Over the years, and depending on the way a building is built and the surface structure it is built upon, many buildings will move or sink enough to change the original acceptable alignment.

Periodic laser alignment checks on critical machines can prevent premature bearing failures due to this phenomenon.

At Lloyd Electric we offer a complete turnkey Laser Align Service. We can supply skilled manpower and equipment including shims to remove, replace and align all types of rotating equipment.

