



Fall is Here, & So is the Newest Edition of AME's Newsletter, The Rotator!

We have many exciting new things going on this time of year and we're glad we can keep you updated. Be sure to look out for our Winter newsletter, scheduled to go out December 22nd.

Engineering Humor: You May be an Engineer If... the first thing you do with anything new is take it apart to see how it works.



What AME's Up To... Right now, Advanced Mechanical President, Rich Merhige along with Christine Battles, Business Development are representing the company at the 21st Annual Monaco Yacht Show. They'll be walking the docks among the world's most luxurious yachts, handing out AME swag and attending events such as Yachting Pages' Super Yacht Owners Guide Launch at Zest Bar. Look for them as you make your rounds and be sure to grab one of our new sunglass or iPod holders.



It's that time of year, the Fort Lauderdale International Boat Show is right around the corner and will be here October 27-31. Advanced Mechanical will once again be exhibiting within the USSA Village at booth #678. Be sure to look out for us at other parties surrounding this fantastic show.

AME will be on the road to New Orleans come December for the International Workboat Show. This year, you'll find us at booth 422. Come stop by and see what the Commercial Marine side of Advanced Mechanical has to offer.



Industrial News

Have you thought about what balancing can do for your machinery? Corrosion, wear, build-up and fabrication issues are just a few things that can cause machinery to become unbalanced. When a machine is determined to be unbalanced, there's only one way to fix it - add or remove weight. Advanced Mechanical technicians are certified experts when it comes to balancing. When our balancing is complete, you'll find that your machinery runs more efficiently, with reduced downtime. A reduction in vibration and noise will also be very noticeable.

Marine News

AME's Alignment is even more precise now! New software, used together with strain gauge measurements & calculations, provides the technician with the bending stresses acting on the propeller shaft. This process allows for highly accurate alignment to be achieved with minimal downtime and associated costs. Shafting alignment models are generated by using the software. The strain gauge instrumentation is then used to physically record the bending stresses on a shaft to reach alignment. It can then be corrected to optimize bearing loads and ensure tolerances are met.



Final Thought... Vibration is often brushed off simply as an annoyance or a cosmetic issue. But, the fact of the matter is, the presence of vibration is often a sign of a greater issue, such as misalignment. Advanced Mechanical's technicians are all certified in Vibration Analysis which can be an invaluable tool in your maintenance program. It can be used to prevent costly downtime by pinpointing areas that need to be addressed before problems arise. Or, if you're already having mechanical issues, an experienced analyst can determine exactly what parts of your machinery require attention, preventing prolonged haul-outs and costly "fishing expeditions".

Mention "ROTATOR 2011" to save \$250 on your next Vibration Survey!

**Valid for surveys in the Ft. Lauderdale area scheduled Monday-Friday during normal business hours (7:30 am- 4:00 pm).
For more information, call 866-377-0770.

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