

## 2022 (IMC) INTERNATIONAL MAINTENANCE CONFERENCE ..... another successful event!

Hendrix returned to Marco Island and sponsored the 2022 International Maintenance Conference. Per usual, Reliabilityweb.com put on an outstanding show. We enjoyed the camaraderie amongst the industry professionals and meeting up with many familiar faces and a lot of new ones too! Thank you to all of our customers who stopped by our booth, it was a whirlwind event and we loved talking with everyone.



Hendrix presented it's workshop, "Top 10 Precision Maintenance AH-HA Moments" and kept attendees fully engaged with our many demonstrations, tips & tricks and industry talk.

### **HENDRIX RECEIVES 2022 SOLUTIONS AWARD**

The event was full of energy and we were humbled on Wednesday morning when Hendrix received the 2022 Solutions Award "Defect Elimination Innovation". This award recognizes companies that offer innovative and world-class solutions for industrial reliability.



We were honored to receive such a distinct award and thank all of our customers and our Hendrix team members for supporting us and making us a world-class solution in industrial reliability!

We will be back as a sponsor for the 2023 IMC and we look forward to hosting another workshop and meeting up with everyone for yet another memorable event!

Learn more about the [2023 IMC here](#)

## End of Year Message....

### **FROM THE DESK OF ROB MACARTHUR**

Welcome to the fourth quarter 2022 installment of the Hendrix

Precision Maintenance Services newsletter. I hope this note finds everyone well.

We are just back from the 2022 International Maintenance Conference in Marco Island, FL. It was a great conference and Hendrix was proud to be honored with the award of the 2022 Solutions Provider award in the category of Defect Elimination. We also got to visit with a bunch of you which was super fun. What a great capstone to a very successful year.



2022 was a very successful year for us again. We delivered over 90 classes, trained close to 1500 students and delivered almost 6,000 hours of technical services support. We have added more instructors, simulators, trailers, field technical specialists and managers while also expanding our training offerings as well as our technical services.

Of course none of us knows what 2023 holds but we intend to lean into it. We are in the midst of setting up operations in EMEA (Europe Middle East Africa) and will have both training classes and technical services operational by the first quarter. We are also dramatically expanding our outreach with our technical services. These are services designed to help customers implement Precision Maintenance after they have gone through training which can really help with implementation and sustainability of the skills our students learn in class.

As always we would like to offer a sincere thank you to all our customers, employees and associates for such a fantastic year in 2022. Without you we simply wouldn't exist.

Happy holidays to all of you and your families. Please stay safe and we look forward to seeing you in 2023.

Best,

Rob  
Managing Director/Partner

## UPCOMING PUBLIC CLASSES

DATE	LOCATION	CLASS	CLASS FLYER
JAN 30-FEB 3	OKLAHOMA CITY, OK	SKILLS 1	<a href="#">OKLAHOMA CITY FLYER</a>
FEB 6-9	DALLAS, TX	SKILLS 1	<a href="#">DALLAS FLYER</a>
FEB 20-23	DECATUR, AL	SKILLS 2	<a href="#">DECATUR FLYER</a>
MARCH 6-9	BEAUMONT TX	SKILLS 1	<a href="#">BEAUMONT FLYER</a>
MARCH 6-9	COLUMBUS, OH	SKILLS 1	<a href="#">COLUMBUS FLYER</a>
MARCH 13-16	HOUSTON, TX	SKILLS 1	<a href="#">HOUSTON FLYER</a>
MARCH 20-23	PHOENIX, AZ	SKILLS 1	<a href="#">PHOENIX FLYER</a>
APRIL 3-6	ATLANTA, GA	SKILLS 1	<a href="#">ATLANTA FLYER</a>
APRIL 17-20	SPARTANBURG, SC	SKILLS 1	<a href="#">SPARTANBURG FLYER</a>

**More Public Classes to be scheduled.... Check back often!  
If you have a location you'd like us to come to - reach out to us!**



**PRECISION MAINTENANCE  
SKILLS 1**



**PRECISION MAINTENANCE  
SKILLS 2**

*\*No prerequisite required*



**PRECISION MAINTENANCE  
BOOT CAMP**

*\*No prerequisite required*

*a closer look at....*

## **PRECISION MAINTENANCE SKILLS 1**

**Reducing Common Assembly Errors in Equipment  
to Exponentially Extend Equipment Life and  
Radically Reduce Cost and Downtime**



This intense, 40-hour hands-on class teams of craftsmen, planners, supervisors, superintendents, engineers, and maintenance/operating managers learn and practice precision equipment assembly, rebuild, and install techniques; each designed to significantly double, triple, and (in our own plant experience) quadruple rotating equipment & seal life.

Participants measure their own progress by conducting exercises on running & static simulator machines and measuring the results. The effects of applying precision techniques to rotating equipment have proven to greatly extend the mean time between failure and/or scheduled maintenance to rebuild events of the equipment and other components by reducing vibration, temperature, & amps or energy usage.

They learn how something as "insignificant" as a few thousandths of an inch fit and

tolerance (or a “correct” key length), can make a significant difference in life improvement of your rotating equipment. They demonstrate how their new attention to detail can also lower the electrical consumption 5 to 10% for most electric motor-driven assets when a precision approach is applied to maintenance (install, adjust, and rebuild).

Some of the Topics Covered include (and much more)

- How to avoid the Common Assembly Errors made every day by Maintenance & Construction
- Precision Measuring & why it is even more critical today with parts made all over
- Critical Bearing Fits & Tolerances routinely overlooked in most plants
- Common Bearing & Seal failures and how to easily avoid
- How to achieve Precision Alignment without adding extra downtime
- Aligning while accounting for thermal growth that most plants/mechanics skip
- Couplings & the secrets to making them Live and the Final Solution to Most
- Soft-foot correction. Most mechanics simply don't take care of it & supervisors overlook it
- Common Lube Mistakes made by mechanics & operators every day & how to fix them
- How Vibration that Maintenance & Engineers induce every day / every repair drastically reduces life expectancy
- How to avoid common balancing problems that cut bearing life by 20-30%

Our Instructors have decades of successful hands-on experience in heavy industrial maintenance. We use both in-line coupled, belt (and/or chain-driven running machines), and many other static or running demonstrators during the class. The main theme of the class is: “By adding a precision approach to maintenance & construction, we demonstrate it does not take more time to **“Do It Once, Do it Right!”**”

## Hendrix Overseas Update

Hendrix is in the process of expanding our services into Europe, Middle East, and Africa. An increasing number of our global customers have requested us to provide our services to their sites located in the region. Next to these on-site services Hendrix will start providing public training classes from the South of the Netherlands in Q1 2023. We will keep you posted regarding timing and location.



# Employee SPOTLIGHT

## RANDY MOULTRIE

### INSTRUCTOR / RELIABILITY SPECIALIST

Starting his career as an automotive technician, Randy transitioned in to industrial plant maintenance in the 1970's and he excelled in every assignment including as a large shutdown Project Manager. As a top notch maintenance manager and mill reliability manager in the pulp & paper industry, one example of Randy's many achievements is the improvement of uptime for one plant from 79% to 92%. Randy retired from the industrial maintenance industry with 30+ years experience behind him.



Randy's expertise in precision maintenance and operating practices extend far beyond pulp and paper, Randy has also provided training for chemical, petro-chemical, and foods processing companies just to name a few.

When not conducting precision maintenance and reliability services, Randy enjoys spending time with his wife, their two sons and each of their families. They are blessed with 5 grandchildren and enjoy spending time with them and watching their many sports activities. Along with his grandchildren's games, you may also catch Randy cheering on the Braves baseball team. Randy also operates a farm where he lives a passion of his which is raising black angus cattle. Randy's real-world experience in the industrial maintenance field continues to be an invaluable part of our Hendrix Team!



Wishing you Happy Holidays  
and a joyful New Year.



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