

# 4-DAYS of HANDS-ON TRAINING



## PRECISION MAINTENANCE SKILLS 1

“REDUCING COMMON ASSEMBLY ERRORS TO EXPONENTIALLY EXTEND EQUIPMENT LIFE”

### CHARLOTTE, NC - MARCH 24-27, 2025

**LEARN HOW TO EASILY DOUBLE OR TRIPLE ROTATING EQUIPMENT LIFE** by making vibration much lower through the elimination of common assembly errors & adherence to rigid precision installation, rebuild, & maintenance standards which we will show you how to achieve with little or no extra down time.

Participants will disassemble, reassemble, correct defects, perform precision alignment for both in-line coupled & v-belt driven machines, and measure the noticeable improvements as common field & shop assembly errors are eliminated from our running and static simulators. Course Objectives include:

- Understand what Precision Maintenance is & how to achieve w/o extra downtime
- Identify & avoid common assembly errors
- Basic Bearing installation problems & corrections
- Correct common fit & tolerance problems
- What is good, fair & bad vibration & how it affects equipment life
- Lower vibration & exponentially improve MTBF
- How to significantly improve & retain balance
- Improve “status-quo” alignment standards & achieve precision alignment
- Create smooth running belt drives
- Reduce energy consumption by 5%, 10% or more on most equipment
- Learn common lubrication errors & how to avoid

**RECOMMENDED AUDIENCE:** Maintenance and Construction Craftsmen, Apprentices, Front-line Supervisors, Project & Reliability Engineers, Maintenance Managers, & Superintendents, Operations Personnel and significant others implementing plant reliability improvement.

*\*Certificate issued upon course completion*

<b>LOCATION</b>	To be Announced
<b>DATES /TIMES</b>	MON , 3/24- THURS 3/27 7:30 AM - 4:30 PM (EDT)
<b>COST</b>	\$ 2,950.00/PER SEAT

\*Light Breakfast & Full Lunch provided daily

#### REGISTER / QUESTIONS CONTACT:

BETH DESIMONE  
Hendrix Training Coordinator  
(978) 609-2401  
[bdesimone@hendrixpm.com](mailto:bdesimone@hendrixpm.com)



[www.PrecisionMaintenance.com](http://www.PrecisionMaintenance.com)