

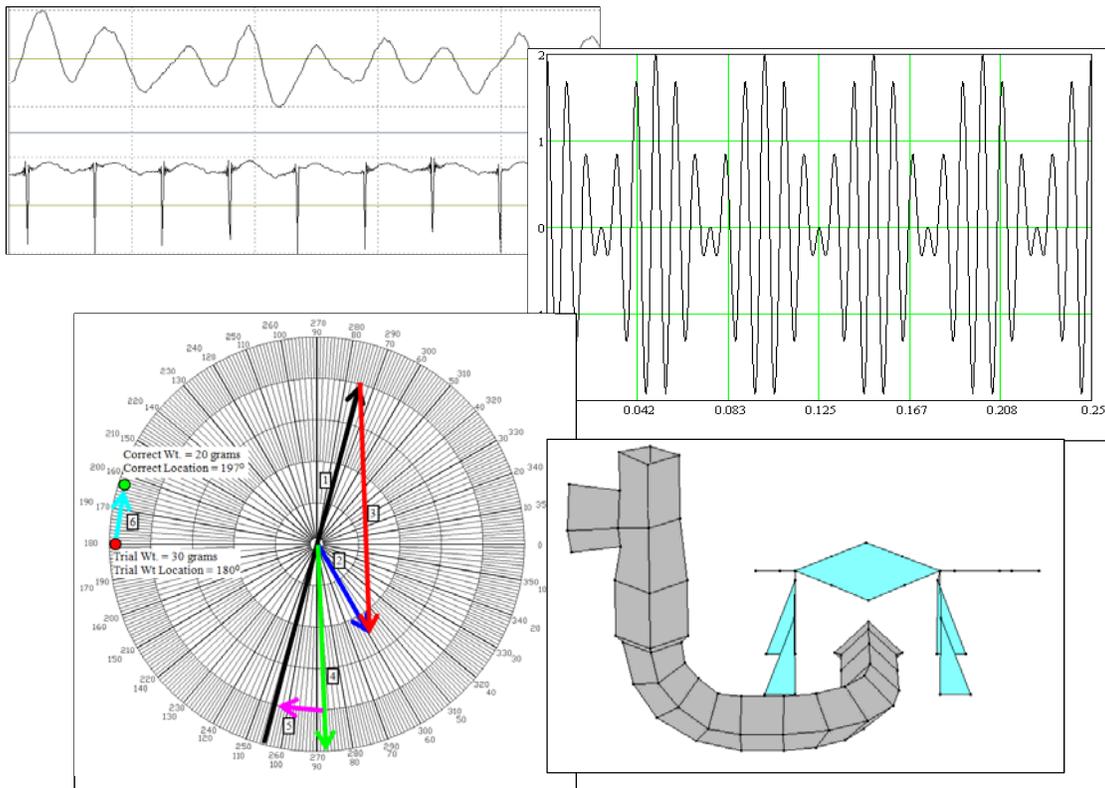


Global Leaders in Vibration Analysis

VIBRATION TRAINING

APRIL – MAY 2014

- **CSI DATA COLLECTOR**
- **CSI AMS SOFTWARE**
- **ISO CATEGORIES I, II, III AND IV**
- **COMPONENT BALANCING**
- **OPERATING DEFLECTION SHAPE**



COURSE INFORMATION:

COURSES OFFERED:	TRAINING DATES:	EXAM DATE:	MUST ENROLL BY:	COURSE TUITION:	EXAM FEES:	PPT (TEXT) FEES:	TOTAL COURSE COST:
• CSI DATA COLLECTOR	April 14	-	-	\$ 200	-	\$ 100	\$ 300
• CSI AMS SOFTWARE	April 15-16	-	-	\$ 400	-	\$ 100	\$ 500
• ISO CATEGORY I	April 21-25	April 26	April 12	\$ 1000	\$ 355	\$ 100	\$ 1,455
• ISO CATEGORY II	April 28-May 2	May 3	April 19	\$ 1000	\$ 380	\$ 100	\$ 1,480
• COMPONENT BALANCING	May 5-6	-	-	\$ 400		\$ 100	\$ 500
• ODS TESTING	May 7-8	-	May 3	\$ 400			\$ 500
• ISO CATEGORY III	May 12-16	May 17	May 10	\$ 1000	\$ 430	\$ 100	\$ 1,530
• ISO CATEGORY IV	Pending	Pending	Pending	\$ 1000	\$ 530	\$ 200	\$ 1,730

ATTENDEES RECEIVE:	CSI DATA COLLECTOR	CSI AMS SOFTWARE	ISO CAT-I	ISO CAT-II	COMPONENT BALANCING	ODS	ISO CAT-III	ISO CAT-IV
• COPY OF PPT MATERIAL	√	√	√	√	√		√	√
• COMBINED WORKSHOP AND PRACTICE EXAM			√	√			√	√
• CERTIFICATE OF COURSE COMPLETION	√	√	√	√	√	√	√	√
• HAT WITH VAI LOGO	√	√	√	√	√	√	√	√
• COMPLEMENTARY REFRESHMENTS	√	√	√	√	√	√	√	√
• USE OF TRAINING ROOM FOR SELF-STUDY THRU 9:00 PM			√	√			√	√
• TUTORING AVAILABLE THRU 7:00 PM			√	√			√	√

CONTINUED:

- **TRAINING LOCATION:** **VIBRATION ANALYSTS INC.**
TECHNICAL TRAINING & CONFERENCE CENTER
1297 EAST 600 SOUTH
NEW HARMONY, UT.
84757

- **TIME:** 8:00 AM – 5:00 PM DAILY (END TIMES VARY TO SUPPORT MATERIAL)

- **LUNCH:** OPTIONAL CATERING ~ \$20.00/DAY

- **TO REGISTER CALL:** 815-742-1793
435-467-0554
435-238-7821

- **ABOUT THE INSTRUCTOR: Ray Rhoe**
 President
 Vibration Analysts Inc.



Ray W. Rhoe, P.E., is the President of Vibration Analysts, Inc. VAI now has 10 branch offices and provides global vibration analysis services, on-site vibration training, advanced machinery vibration testing, troubleshooting, and field balancing. Ray has over 30 years vibration experience in ODS testing, field balancing, vibration training, vibration analysis, database creation, and advanced testing. Ray has presented case histories to EPRI's Vibration Users Group Conferences and written articles for Pump and Systems magazine. Ray was previously the Senior Vibration Analyst for a large nuclear utility and supported multiple nuclear power plants with problem resolution. Before that, Ray worked at a commercial nuclear shipyard as their Pump Component Specialist qualifying new Condensate and Feed Pumps for Nuclear Attack Submarines. Ray is an ISO certified Category IV Vibration Analyst thru the Vibration Institute.

- **RECOMMENDED COURSE PREREQUISITES:**
 - CATEGORY I:**
 - THIS COURSE IS INTENDED FOR THOSE WITH NO PRIOR EXPERIENCE
 - CATEGORY II:**
 - COMPLETION OF ISO CATEGORY I TRAINING
 - 6 MONTHS RELATED EXPERIENCE
 - COMPONENT BALANCING AND ODS:**
 - COMPLETION OF ISO CATEGORY II TRAINING
 - 1 YEAR RELATED EXPERIENCE
 - CATEGORY III:**
 - COMPLETION OF ISO CATEGORY II AND FIELD BALANCING TRAINING
 - 2 YEARS' RELATED EXPERIENCE
 - KNOWLEDGEABLE IN BASIC ALGEBRAIC MATH
 - CATEGORY IV:**
 - COMPLETION OF ISO CATEGORY III, FIELD BALANCING AND ODS TRAINING.
 - 2 YEARS' RELATED EXPERIENCE
 - SOLID BACKGROUND IN ALGEBRA AND TRIGONOMETRY

CONTINUED:

- **VAI'S TRAINING PHILOSOPHY:**

VAI is dedicated to providing the best vibration training available. To enhance student learning, we built an all-new million dollar "Technical Training and Conference Center" which supports up to 30 students and is available until 9:00 PM daily for evening study. In addition, our instructors are available for tutoring until 7:00 PM daily. Other training organizations simply rent a conference room, provide training, and then leave the students to study on their own in a motel room.

VAI's instructors do more than just provide vibration training – ***they analyze vibration data for a living!*** This reinforces their knowledge using real world experience. Our instructors begin each ISO course by informing students how to prepare for the ISO exam, and constantly reinforce student knowledge using numerous workshops, question and answer sessions, and a comprehensive "practice exam".

By receiving quality training, numerous material reviews, a comprehensive practice exam, evening use of the training center, and off-hour tutoring, VAI's students receive the best opportunity for passing the exam.

- **ABOUT THE LOCAL AREA:**

VAI is located three (3) hours north of Las Vegas in the southwest corner of Utah, and we have a great view of Zion National Park (photo below). After training, students often take a vacation to see some of the sights which include The Grand Canyon, Zion, Bryce Canyon, Cedar Breaks, Capital Reef, Death Valley, Las Vegas, Arches and Canyonlands.

Come to our training and then take a well-earned vacation. We'll provide travel suggestions. Call 815-742-1793 now to enroll!

Have a Great Day!

Ray Rhoe



President

Vibration Analysts Inc.



ISO Category I Workshop Session



VAI's Training Center



Zion National Park as viewed from VAI

