

Education in Machinery Health™ Management



TAKING THE MYSTERY OUT OF PEAKVUE TECHNOLOGY AND AUTOCORRELATION AS AN ADVANCED DIAGNOSTIC TOOL

This 3-day training includes two courses for a total of 2.1 CEU's:

TAKING THE MYSTERY OUT OF PEAKVUE™ TECHNOLOGY

This course makes use of both case studies and live demonstrations illustrating specific mounting procedures to reliably detect certain faults.

Prerequisites: familiar with vibration data collection, analysis and AMS Machinery Manager software.

TOPICS INCLUDE

- Proper PeakVue set-ups for all speeds (as low as 1 rpm)
- Sensor selection and sensor mounting
- Setting alarm levels
- Choosing trend parameters
- Analyzing PeakVue spectra and waveforms
- Uses of the circular waveform plot

AUTOCORRELATION AS AN ADVANCED DIAGNOSTIC TOOL

This course will teach the power of the autocorrelation coefficient function for the analysis of vibration induced time waveform data.

TOPICS INCLUDE

- Introduce the autocorrelation coefficient
- Demonstrate the computation of the autocorrelation coefficient data from the time wave form data

- Highlight the strengths of the autocorrelation coefficient function data relative to spectra data
- Demonstrate the use of the autocorrelation coefficient data as a diagnostic tool to support the spectra data for vibration analysis through several case studies.
- Identify unique patterns of the autocorrelation function data for certain classes of bearing faults, gearing faults, etc.

LOCATIONS

- July 16-18, 2013

Holiday Inn and Conference Center
1220 1st Avenue
Coralville, IA 52241

For hotel reservation at Holiday Inn:
dial 319-351-5049 and ask for the
“Emerson PeakVue Class” rate.

8:30 AM - 4:30 PM daily

- \$1,750 per person. Purchase order payable to R.S. Stover Company or credit card payment required at time of enrollment.
- Continental breakfast/lunch will be provided
- Registration:
To register or for more information,
contact Janelle Shatava at 641-753-5557 x284 or
janelle.shatava@rsstover.com.

REGISTRATION FORM

Complete a separate registration form for each class you attend. Deadline for registration is one week prior to start of class.

Please photocopy this form for future use.

Name to appear on class certificate

Name to appear on name tag

Country of Citizenship

Company

Physical or Shipping Address

City/State/Zip

Billing Address

City/State/Zip

Phone

Fax

Email

Course or Certification

Dates of Course or Certification

Course location Knoxville Austin

San Diego

Today's Date - -

FORM OF PAYMENT (MUST BE COMPLETED)

Credit Card #

Expiration Date

Please print cardholder's name

Visa Mastercard AMEX

Authorized signature

Phone

Fax receipt to

Check #

Purchase Order #

Total amount of purchase order

Please make purchase order out to R. S. Stover Company and ***please send a copy with your registration***

Does this P.O. cover more than one registration?

YES NO

Note: A confirmation will be sent to you to confirm your place in the class within 72 hours of receiving your registration. If you do not receive a confirmation, your space in class is not guaranteed, so please call.

I have the prerequisites for this course. I know the date, starting time and directions to the training facility. I understand the cancellation policies.

Date - -

Signature _____

RETURN TO

R. S. Stover Company

Phone 641-753-5557 x284

Email janelle.shatava@rsstover.com