

Spring 2014

Preventive and Predictive Maintenance Equipment Best Practices

MET DEMAND™



April 23, 2014, 8 a.m. to 5 p.m. at Southwestern Illinois College

Sustainability, Green and Future Growth through Proactive Maintenance

This training will discuss and demonstrate how keeping equipment operating within design limits will minimize environmental risks, reduce maintenance and operational cost, and energy usage. The training will identify how to maintain equipment resulting in electrical, gas, and fuel savings, as well as increasing capacity through the elimination of downtime.

The objective of this training is to show how preventive and predictive maintenance activities are:

- A good investment worthy of sustainability and green budget dollars
- Optimizing maintenance plans for each piece of equipment and reducing business cost and risk
- Developing effective and efficient equipment care plans to meet customer expectations
- Acting in a proactive manner to keep the equipment operating within design limits eliminating unscheduled downtime
- Allowing equipment to be operated efficiently, reliably, and predictably to meet customer's expectations while lowering energy and overall costs

This training will be offered in the Information Sciences Building, Room 2020.

Who should attend:

- Local professionals including: business owners, energy managers, facility operators, industry and manufacturing building owners, contractors, building officials, and municipal representatives
- Community college faculty, staff, and students

This training is offered at no charge!

The Illinois Community College Targeted Energy Management Training (ICCTEMT) Program is hosted by the Illinois Green Economy Network (IGEN) with support from the Illinois Department of Commerce and Economic Opportunity (DCEO).

Questions? Contact:

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For more information and to register, visit: www.igence.org/energyefficiencytraining



Illinois
Department of Commerce
& Economic Opportunity
Pat Quinn, Governor



About the Trainer:

Kevin Lewton is a Managing Principle for Met Demand, Inc. and has 32 years of experience in Operations, Project management, Process Engineering, Start-up and Outage management, Quality Services, Research and Development, Maintenance, Reliability and Technical management.

As a consultant, Kevin has assisted clients in executing reliability and continuous improvement solutions to improve business performance across many industries: pharmaceutical, tire, automotive, beverage, food processing, aeronautical, and petrochemical and machining/fabrication industries.



He has lead Met Demand's effort to meet their Mission, "Building Strong Local Communities and Industries to compete globally." A key part of achieving this strategy is supporting local Community Colleges in building strong strategic programs to guide local customers to World Class Operation. This effort has been successful in creating jobs, sustaining jobs, and improving plant performance as documented in client's letters to the College Board.

As a Lead Consultant for a TPM Project manager for an aerospace company, Kevin delivered a Return on Investment (ROI) of 6 to 1 during the pilot phase of the project justifying the full implementation of an asset reliability culture. As a TPM Project manager in the automotive industry he assisted the client in achieving a ROI of 14 to 1 when World Class Manufacturing Practices were implemented. Kevin is viewed as a subject matter expert on plant start-ups. He has authored a course and assisted several companies in setting up their processes to achieve vertical start-ups.

He has lead Maintenance and TPM assessments across different industries demonstrating the ability to apply Maintenance best practices in many cultures and environments. Kevin is recognized as a subject matter expert and teaches classes on Problem Solving Process (RCA), World Class Maintenance, World Class Storeroom Management, Total Productive Maintenance, Reliable Capacity Strategy, 5 S, Maintenance Planning and Scheduling, PM/PdM, Lean Manufacturing, Critical Equipment Care (AM), SMED, Start-up Management and Technical Training Program Development. He is a frequent speaker at conferences and professional conventions. Kevin is an author of MRO Excellence which is a 9-hour distance learning course on Maintenance Storeroom management as well as a frequent contributor to professional magazines.

Prior to starting with Met Demand, Kevin has 20 years of experience with a large food manufacturing company in various roles. His last role was Regional Technical Manager responsible for implementing Reliability Excellence for 15 North American Sites.

Kevin is a graduate of Purdue University with a B.S. in Chemical Engineering. He is an active member of professional organizations and holds several certifications. Certification Maintenance Reliability Professional (CMRP), Certified Plant Maintenance Manager (CPMM), Certified Purchasing Manager (C.P.M.), Certified Plant Supervisor (CPS) and Certified Six Sigma Black Belt.

Kevin currently serves on the Quality Board of Sarah Bush Lincoln Health Care Center.