



VALUE ADDED SERVICES

ROYAL PURPLE

Royal Purple is well known as a manufacturer of high performance synthetic lubricants that deliver immediate benefits to our customers. Royal Purple is also a provider of “value added training services” that produce the same immediate and measurable improvements.

Royal Purple's training is practical and designed to raise maintenance practices to industry standards by creating knowledgeable, confident and motivated maintenance personnel and operators. It is designed to inspire changes in maintenance practices and procedures that improve worker efficiency, increase equipment reliability and reduce

reactive maintenance. The training focuses on providing practical knowledge and motivating the type of daily changes that produce a rapid pay-back within a day to a week.

The following is a list of courses commonly offered. Royal Purple Instructors can reasonably modify or tailor any course to meet a Company's specific request, which can include a “walk through” inspection of a company's equipment with examples included in the training. Course lengths can be reasonably modified to accommodate plant schedules.



COURSES



EQUIPMENT INSTALLATION | 4 hrs

The first step in ensuring equipment reliability is proper base preparation, mounting and alignment of the unit.

BEARING FUNDAMENTALS | 4 hrs

Better understanding of the function, limits and proper installation of the various types of bearings is essential to prevent pre-mature bearing failure.

ROTATING EQUIPMENT RELIABILITY | 8 hrs

Introduction of industry best practices for the installation, maintenance and service of a broad range of rotating equipment will benefit anyone involved in improving equipment reliability.

PUMP INSTALLATIONS AND REMOVALS | 8 hrs

This course will provide important information for the efficient removal and re-installation of pumps with a strong emphasis on the value of proper documentation.

ADVANCED PUMP REBUILD AND REPAIR HANDS-ON | 3 days

This hands on, in shop training of industry best practices for pump rebuilding and repair will provide invaluable insight to ensure “do it once, do it right” efficiency.

MECHANICAL SEAL FUNDAMENTALS | 4 hrs

This course provides an overview of common types of seal and seal plans including industry standards for installation and service.

BRAIDED PACKING BEST PRACTICES | 4 hrs

This course discusses the necessary information to provide users better tools to ensure the best selection of pump packing in addition to discussing industry standards for the installation and service of pump packing.

INDUSTRIAL GEARBOX FUNDAMENTALS | 4 hrs

This course will provide information on the function of gear boxes, common methods of lubrication and tips on the proper maintenance and service of most of the common types of gear boxes.

OPERATOR AWARENESS TO ROTATING EQUIPMENT | 8 hrs

This training will develop a partnership between operators and maintenance personnel by educating operators on the basic requirements for rotating equipment reliability.

O-RING FUNDAMENTALS AND IMPORTANCE | 3 hrs

This course will discuss how this often overlooked component can significantly impact equipment safety, reportable emissions and reliability.

STOREROOM TRAINING | 4 hrs

The “do’s and “don’ts” of parts and equipment handling and storage. Prevent poor storeroom practices from contributing to equipment problems.

INSTRUCTORS



ROBERT L. (BOB) MATTHEWS | RELIABILITY MANAGER

Bob has 35 plus years reliability maintenance experience ranging from hands-on to supervision, plant maintenance management, consulting, and training. His training resume includes the development and presentation of courses on Advanced Pump Rebuilding, Lubrication, Mechanical Seals, Braided Packing, Operator Awareness, and other customized classes for diverse companies like Exxon, Phillips and Westinghouse as well as programs for Auburn, the University of Alaska, LSU, the Vibration Institute, ASME, FSA, and others.


Today, Bob is the reliability manager for Royal Purple LLC where his role includes providing added value training and reliability services to Royal Purple's customers and the maintenance industry. Bob's services include lectures, training, and plant visits for reliability recommendations and trouble-shooting. Bob is a graduate from Lamar University, and has authored several industrial publications.



CHRIS MILLSON | RELIABILITY ENGINEER

Chris brings 20 years of experience in industrial and manufacturing maintenance and reliability engineering to the Royal Purple Team. Chris's experience covers the entire range of equipment management, from rebuild to predictive maintenance to lean manufacturing and operator awareness. Chris is a graduate of the University of North Carolina at Pembroke and has completed numerous industry technical classes.

Today, Chris is a reliability engineer for Royal Purple, LLC where his role is providing technical support, quality training and equipment trouble-shooting for Royal Purple customers.



“ I have to admit that I was pleasantly surprised that a lubrication company would have person of Bob’s caliber on their staff to provide a service that goes well beyond equipment lubrication. ”

PLANT RELIABILITY SUPERINTENDENT | major gas to liquids plant

“ As a result of his efforts we have seen numerous improvements including improved pump life and packing run life. I feel Bob’s efforts at this mill have directly impacted the bottom line and had a positive impact on the maintenance department. ”

ENGINEERING MANAGER | large cellulose plant

“ I would strongly recommend this class to any mechanic, technician or engineer who has to deal with physical realities of equipment. ”

CHAIRMAN | regional ASME chapter

“ We feel that the classes you delivered to our mechanics, engineers and operators will give tremendous results. I have not heard that much positive response to a training class since I have been at this plant. ”

MAINTENANCE LEADER | large manufacturing facility

For more additional information or to discuss training call:

Royal Purple, LLC | 888.382.6300



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