Technical Training

Exterran can provide comprehensive, customized technical training to help improve the quality of operations, increase unit reliability and availability, and lower operating costs. For more information, please contact AftermarketServices@Exterran.com

We have a vast range of technical knowledge and practical operations and maintenance (O&M) experience that we can share with your team by providing best-practices, hands-on training and in-classroom lessons. This broad-based approach builds the foundation to help your team perform routine tasks and respond to unplanned situations with confidence.

Exterran has decades of O&M experience with OEM equipment such as Waukesha, Caterpillar, Ajax, Superior, DR, Ariel and others. We have the skills and expertise to provide your team with basic to advanced-level technical training to better understand all aspects of equipment operations and maintenance. Some key areas of focus include:

> Oil analysis
> Machinery lubrication
> Vibration analysis
> Reliability of rotating equipment
> Root cause failure analysis

Breadth of Experience

Exterran provides classroom and hands-on technical training to many of our clients around the world. We have over 60 years of proven expertise operating and maintaining gas compression and processing equipment including direct experience with all major OEM training programs and equipment services. This experience as an owner, operator and trainer for our own staff makes us a great choice in helping to train your teams. We offer classes in our shops and can also come to your location, anywhere around the world. Training programs can be customized to meet your specific needs.

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Technical Training Benefits

> Practical tips for competitive advantage
> Proven tools to face real-world challenges
> State-of-the-art maintenance practices
> Development of knowledgeable and valuable employees
> Reduced downtime
> Lower overall operating and maintenance costs

Exterran has the ability to train your staff in many areas related to the oil and gas industry. The list below shows some of our offerings:

> Reciprocating compressors
> Compression fundamentals
> Foundation and leveling with dial indicators or laser tools
> Grouting
> Screw compressor technology
> Basic engine operations (gas or diesel)
> Control systems for compression units (Murphy, Altronic, ADEM III, ESM, and others)
> Thermodynamics fundamentals (physical laws of gases and hydrocarbon behavior)
> Phase equilibrium
> Process equipment and facilities:
  > Water treatment – reverse osmosis
  > Oil recovery unit – Revolift
  > Vapor recovery unit
  > Separation (2 phase, 3 phase)
  > Heater treaters
  > Dehydration units
  > Amine scrubbers – gas sweetening process
  > Fuel gas treatment

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