



**Bob Matherly**

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Bob Matherly  
Qualified AIRMaster+ Specialist

Bob Matherly is a Certified AIRMaster+ specialist and a highly experienced compressed air systems auditor of industrial air for Ammon Energy. His previous 20+ year's experiences have been in the compressed air industry with the last 7 years spent as a compressed air systems engineer/consultant. Bob and his family currently reside in Eugene, OR.

His experience with compressed air and process vacuum systems include: service technician, field installations, controls, system design, and sales. He developed an extensive knowledge through "in the field" experience with air systems in various industries.

Bob's expertise is in air system energy analysis and identifying opportunities for efficiency improvements, calculating life cycle cost for efficiency improvements (ROI) and researching programs for efficiency incentives to assist clients.

Bob has conducted over 120 system assessments and 65 major energy assessments that have included system optimization projects that received energy incentives and rebates through Utilities and Federal Government Programs for clients totaling over \$1,000,000.00.

### Agencies & Utilities

- Pacific Gas and Electric
- Seattle City Light/Water Department
- SMUD
- Bonneville Power Administration
- Savings by Design
- Northwest Energy Efficiency Alliance
- DOE: Peak Reduction Incentives
- Duke Energy
- Turlock Irrigation District
- Modesto Irrigation District
- California Energy Commission
- Agriculture Rebate Program
- Southern California Edison
- Portland General Electric
- Puget Sound Energy
- Grey Harbor Water/Electric

With "in the field" experience and metered data, Bob models efficiency opportunities with custom engineering software. Bob also validates the recommended improvements which are implemented for verification of energy savings.

*"Without Measurement it is just guess work"*

## Qualification – Certificates

- DOE: Qualified AIRMaster+ Specialist
- DOE: Fundamentals of Compressed Air
- Compressed Air Mngt. Program PG&E
- Compressed Air Systems training PG&E
- DOE: Advanced Mngt. of Compressed Air
- Demand Side Management
- DOE: Pump System Assessment
- DOE: Steam System Assessment
- SPC Measurement & Verification
- ESCO Refrigeration

### Certificate and “formal” training from compressed air equipment manufactures including:

- Kaeser Compressors Rotary Screw School
- Grimmer Schmidt Portable Service School
- Atlas Copco GA/Z Service School
- Atlas Copco Z Compressor & MD Dryer
- Atlas Copco Controls / Variable Speed drive
- Cameron Centrifugal Controls
- Cooper Turbo Compressor TA 2000
- Cooper Turbo Compressor TA 3000
- Cooper Turbo Compressor C-8
- Quad 2000 Controls

Bob has attended seminars and University level courses covering the following subjects on the West Coast:  
Energy Management, Renewable Energy, Refrigeration, PLC Controls, Quality Dry Air, Process Vacuum Systems, Demand Side Management, Leak Management, Air Storage Techniques and Business related classes.

**Many of Bob’s clients are Fortune 500 Companies, here is a partial list.**

## Clients

- Intel
- Safeway Manufacturing
- Foster farms
- Lockheed
- Sierra Pacific Industries
- IBM
- Black & Veatch
- Kraft Foods
- Hershey
- Label Technology
- Bowtech
- Marquez Brothers
- Bechtel Engineering
- Weatherford
- Weyerhaeuser
- Budweiser
- Kodak
- Bend Research
- Xerox
- Saint-Gobain Containers
- Gallo

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Systems Engineer



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