

Compressed air systems present one of the largest and most frequent opportunities for energy reduction in industrial facilities. Zorn Compressor offers a comprehensive lineup of energy savings services and products to help you optimize your system and lower operating costs.

The Zorn Technical Solutions Group (TSG) features a team of experienced compressed air experts dedicated to assist you with maximizing system performance, lowering operational costs and improving system reliability.

Our energy-savings portfolio includes: a variety of assessment and audit programs, compressed air leak detection & repair service, compressed air load shedding, air quality testing (ISO 8573-1) and multiple compressor control panels. All our TSG offerings are based upon Compressed Air Best Practices and DOE Guidelines.

MEET THE TSG TEAM

Steve Volkman, Director

Steve has over 35 years of compressed air industry experience and is leading our Technical Solutions Group to provide high value services and products that help you save energy and improve your systems.

Steve performs energy savings system analysis and specializes in low pressure system improvement and compressed air load shedding projects. He received his DOE AIRMaster Specialist certification in 2010.

Dan Plucinski, Field Technician

Dan has been with Zorn Compressor since 2014 and focuses on performing energy savings leak detection and repair services. Additionally, Dan executes our Air Quality Testing program where we test compressed air for SQF certification purposes and Grade D breathable air to help ensure safety.

Dan has certifications in ISO 8573 and Air Quality Testing procedures as well as certification from passing the UE Instruments class for leak detections.

Adam Johnson, Field Engineer/Lead Auditor

Adam has held a variety of technical positions since entering the industry in 1999 and has focused on developing and implementing our compressed air system analysis program since joining Zorn in 2006.

Adam is a qualified DOE AIRMaster Certified Specialist and is focused on helping customers save energy and improve processes by performing detailed, comprehensive compressed air and vacuum system audits and designing multiple compressor system control panels.

Dick Offut, Corporate Service Manager

Dick started in the industry in 1983 and has been at Zorn since 1991. He has extensive experience and training with rotary and centrifugal compressor controls. Among Dick's area of focus are control retrofits, central automation panels and centrifugal rebuilds and upgrades.

ASSESSMENT AND AUDIT PROGRAM



SYSTEM WALKTHROUGH

Your Zorn Account Representative (CAC Level II Certified) will tour both the supply side and demand sides of your system, looking for potential areas of operational improvement and energy reduction. Together, you will review an "Opportunity Index" that will estimate annual operating costs and identify areas for improvement.

SYSTEM SNAPSHOT

This 3-5 day data collection and review will help you determine current demand levels, pressure stability and compressor utilization. Additionally, an estimate of electrical operating costs is provided based upon the data collected.

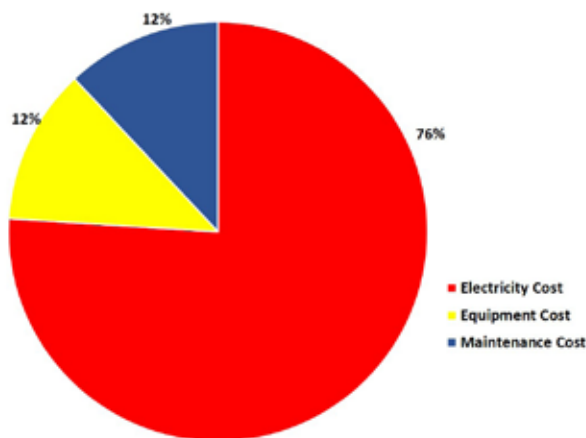
SUPPLY-SIDE ASSESSMENT +

A Department of Energy Certified AIRMaster Specialist will collect data from your compressed air system for 7 – 10 days and provide analysis related to compressor utilization, air treatment pressure drop, system demands and pressure, estimated annual operating costs and demand side events. Additionally, we will check the system dewpoint and discuss compressed air quality. Solution modeling is available with estimated ROI information.

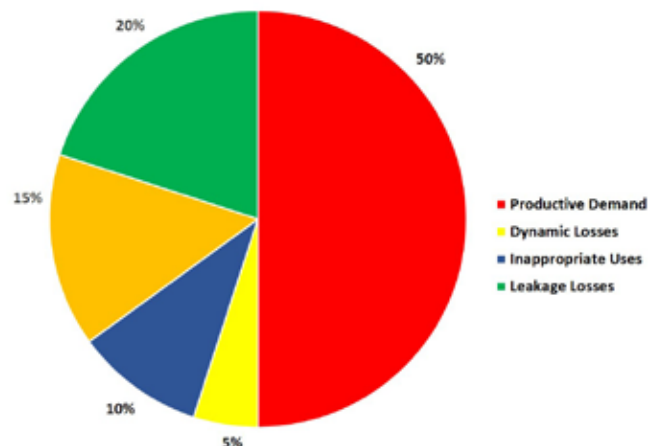
FULL SYSTEM AUDIT

One of our DOE AIRMaster Specialist will perform an in-depth analysis of both the supply side and demand side of your system with emphasis on measuring and analyzing specific system events. In addition to the information provided in the Supply Side Assessment, a full system pressure map is created to help understand the health of your system. A detailed P&ID drawing of your supply side is provided to help further understand the dynamics of your system.

Life Cycle Cost of Generating Compressed Air



Compressed Air Usage in "Typical" Manufacturing Facility



To learn more about Technical Solutions Group, please contact us
800-476-4637 | ZORNAIR.COM