Universal Compressed Air

ENERGY STAR PARTNER

UCA | Project Case Study: Mining

Delivering Compressed Air as a Service:

Universal Compressed Air (UCA) implemented a fully managed, oil-free compressed air system for a heavy industrial mining application in early 2023. This project furthered efforts to implement sustainable processes in a complex, dust-intensive environment. UCA replaced the plant's traditional compressed air infrastructure with a centralized, service-based solution providing >5,000 ACFM @ 110 psig, -20°F dew point, and oil-free air under a long-term PIPELINE AIR™ performance contract.






Key Benefits of UCA:

- Highest Reliability / Uptime
- Lowest Total Cost
- Lowest Power Consumption
- Collection & Analysis of Plant Metrics
- No Capital Required
- 100% Oil-Free, Dry Air
- Guaranteed Performance, Reliability & Energy Savings
- Known Expense Over the Agreement

UCA Does More...

UCA deploys the DBOOM Model (Design, Build, Own, Operate, Maintain) to solve issues related to not only compressors but also to address the full list of plant infrastructure systems below:

- Blowers
- Vacuum
- Cooling Systems
- Heat Recovery
- Advanced Controls
- Substations
- Power Control Systems
- Flow Metering
- Piping Distribution

Project Overview:

100%
Guaranteed Uptime

>20%
Energy Savings

>200 Gallons
Of Reduced Oil Waste

No Capital Required

>5,000 ACFM
High-Quality Dry Oil-Free Air