



Kellogg Company, Lancaster
2050 State Road
Lancaster PA, 17601

Attn: John Craddock

I wanted to take a moment to thank you and your team for having given us the opportunity to work together regarding the controls systems upgrade to our (4) Joy Turbo Air Compressors here at the Kellogg Company, Lancaster Morning Foods Manufacturing Facility. It's been several years since the project was implemented and the results have been outstanding, far exceeding our expectations in performance, ease of installation, simplicity of operation and reliability. You and your team are truly leading experts in the field of Air Compressor Control Systems and the professionalism within your organization is world class.

Since the upgrade, we have saved well in excess of \$135k/year, far exceeding our projected calculated estimations of \$107k/year, primarily due to a significant reduction in air pressure setpoint and stable output performance. Pre-project installation our pressure setpoint was 110 psi with an average pressure swing of nearly 15 – 20 psi. After the Case Controls system installation, the pressure setpoint was reduced to 85 psi and are maintaining a steady pressure output with less than a 1 psi pressure swing. Absolutely outstanding performance! With the reduction in pressure setpoint and stable output performance, equipment operation is more reliable now that we are able to “dial in” pneumatic controls. In addition, performance increases have provided us with additional capacity where in many cases the system was able to shut down a compressor.

Hardware architecture was exactly what we were looking for...no more proprietary black boxes with limited connectivity or potentially premature obsolete control systems. What we received was a perfectly engineered PLC control system, all parts available at nearly any control systems supplier, worldwide. In addition, the new systems allowed us to seamlessly connect into our existing network architecture providing real time monitoring and historical data collection into every function of the system.

Your technical support and engineering team has been absolutely outstanding from project inception to current date. Response time and ability to resolve questions have been excellent.

Again, I just wanted to say thank you to you and your team for all your hard work and support! It truly was a pleasure to have had the opportunity to work with you and everyone at Case Engineering and we look forward working with you in the future!

Very Best Regards,

Michael Thomas
Controls Engineer
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