

Emerson upgrades the control valve for a slurry trailer maintenance facility

RESULTS

- Designed an integrated solution with control valves, manifolds, and air preparation equipment
- Installed easily with customer's 12-volt electrical system
- Provided reliable operation in harsh weather conditions
- Simplified solution ordering
- Cut lead times
- Provided local technical support



APPLICATION

Sand slurry pumping trailers

CHALLENGE

A natural gas fracking and sand slurry trailer maintenance facility started upgrading its fleet of 100 sand slurry pumping trailers. The ball valves that controlled the trailers' sand slurry and water flows were failing due to harsh weather conditions. The valve supplier had stopped offering the 12-volt manifold installed in the trailers and only had a 24-volt model available. When tested, the 24-volt manifold caused operating problems on the trailers, plus the supplier's technical support was unresponsive in solving these issues. As a result, they decided to search for a new valve supplier for the trailer upgrade.

SOLUTION

Emerson responded quickly to address the company's pneumatic control needs. The ASCO™ Series 2005 and Series 2012 directional control valves and air preparation equipment were available with 12-volt options. This solution integrated seamlessly with the trailers' electrical systems, plus the valves' spool-and-sleeve design operated reliably in the customer's extreme weather conditions. Emerson's integrated solutions team offered the valve assembly as a single part number to simplify ordering. Lead times were cut in half by stocking the solution with a local distributor. In addition, local technical support was available, when needed. Responsiveness and a reliable product provided the customer reassurance to install the solution on all trailers.

Emerson Automation Solutions
160 Park Avenue
Florham Park, NJ 07932 USA
+1 800-927-2726
ASCO.Info-Valve@Emerson.com

The Emerson logo is a trademark and service mark of Emerson Electric Co.
The ASCO trademark is registered in the U.S and other countries
© 2019 Emerson Electric Co.

When the sand slurry trailer maintenance facility started upgrading their equipment, they turned to Emerson for a valve that could withstand the harsh conditions.

ASCO™

WLN908

For more information:
www.Emerson.com/ASCO


EMERSON™