ADCO Uses FloBoss™ 107E for Reliable Measurement of their Mobile Skid for Gas Flow Regulation

RESULTS
- Ready-made flow computer with panel and LCD/kepad for user-friendly interface
- Precise measurement complying to AGA standards
- Easy installation, minimized downtime and more savings

APPLICATION
Oil & Gas transmission – mobile skid for gas flow regulation with AGA3 gas calculation and single-loop PID control with different flow rate; set point to be given by operator using LCD/kepad

CUSTOMER
Abu Dhabi Company for Onshore Oil Operations (ADCO)

CHALLENGE
ADCO’s current specification requirement was too much for their obsolete product. The skids were mechanically completed and were looking for a suitable flow computer replacement. The issue resulted in the entire skid delivery being delayed.

ADCO’s challenge was to have a single unit with operator interface, DP flow calculation and to be able to regulate a valve to their specific output. These specific requirements were for a very compact mobile unit with area classification of Class-1 Div-2.

SOLUTION
Emerson worked closely with ADCO to understand their challenges and to work on a solution to solve their issues. ADCO decided to use the FloBoss107E which met all the requirements they were looking for. With the FloBoss107E, they had a ready-made product that was reliable, user-friendly, and met their AGA standards. Installation was fast, leading to minimal downtime and provided savings once they resumed operations.

“We are very appreciative of the FloBoss107E solution and how it opened a new door for us to look at other ways to utilize this flow computer.”
ADCO