

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

RESULTS

- Ready-made flow computer with panel and LCD/keypad 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/keypad

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



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Remote Automation Solutions



Global Headquarters North America and Latin America

Emerson Process Management
Remote Automation Solutions
6005 Rogerdale Road
Houston, TX, USA 77072
T +1 281 879 2699
F +1 281 988 4445

www.EmersonProcess.com/Remote



Europe

Emerson Process Management
Remote Automation Solutions
Unit 8, Waterfront Business Park
Dudley Road, Brierley Hill
Dudley, UK DY5 1LX
T +44 1384 487200
F +44 1384 487258



Middle East and Africa

Emerson Process Management
Remote Automation Solutions
Emerson FZE
PO Box 17033
Jebel Ali Free Zone - South 2
Dubai, UAE
T +971 4 8118100
F +1 281 988 4445



Asia Pacific

Emerson Process Management
Remote Automation Solutions
1 Pandan Crescent
Singapore 128461
T +65 6777 8211
F +65 6777 0947

