

Fast turnaround and custom valve solution moves customer closer to refinery valve standardization

RESULTS

- Emerson was able to provide a custom valve solution that fit into a pre-existing space.
- Fast turnaround and excellent customer service strengthened the long-standing relationship.
- The positive interaction further helped the goal of standardizing ASCO valves in the remaining 15 company refineries.



APPLICATION

Sulphur recovery unit retrofit

CUSTOMER

One of the largest petroleum refinery operators in the United States

CHALLENGE

The customer was upgrading its Southern California refinery with a goal to standardize and streamline their production process. Their current 3-way valves located in a sulphur recovery unit needed to be replaced with one of better quality. The refinery also wanted to outfit the valve with positioning feedback to monitor when the solenoid was opened or closed while in use. The 3-way valve needed to fit into an already existing space.

SOLUTION

The customer was able to configure a custom ASCO, 24/DC 3-way valve with a TopWorx™ Go™ Switch to provide reliable, maintenance-free positional feedback on the solenoid. A mounting bracket was added to accommodate the Go Switch.

The retrofit solution was achieved by working with an Emerson impact partner that serves Arizona, California, Hawaii and Nevada. The customer was able to receive high quality 3-way valves fitted for their sulphur recovery unit with added positional feedback, and its satisfaction with the completed product offers a solution for when it plans on standardizing the valves for their sulphur recovery units in their remaining 15 factories.

During a sulphur recovery unit retrofit, a petroleum refinery company needed a 3-way valve with positioning feedback, but had to have it fit within an already established location. Emerson was able to provide exactly what was needed through collaboration with an impact partner.

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