

Emerson's Integrated Enclosure Solution Solves Wastewater Treatment Dilemma

RESULTS

- Provided turnkey water treatment valve actuation system in NEMA 4X-rated enclosure
- Permitted easy system monitoring with pressure switch
- Enable single part number ordering
- Offered simple plug-and-play installation



APPLICATION

Water treatment valve actuation

CUSTOMER

Food and poultry processor

CHALLENGE

A food and poultry processor developed a new wastewater system at one of its plants. Its engineering team needed a control valve, air preparation equipment, and a pressure switch in a NEMA 4X-rated enclosure to actuate a water treatment valve. While the company had its own internal panel shop, a production backlog required the wastewater project's controls to be outsourced.

SOLUTION

Emerson won the project by providing an Integrated Enclosure Solution that fulfilled the customer's specifications. The turnkey ASCO™ package included a Series L2 valve manifold, Series 652 filter regulator with locking shut off, and PS182 pressure switch. Two valves were supplied with one as a spare. The pressure switch enabled the customer to easily monitor the system. The NEMA 4X-rated Emerson Integrated Enclosure Solution provided the customer with single part number ordering, plus easy plug-and-play installation at its plant.

The NEMA 4X-rated Emerson Integrated Enclosure Solution provided single part number ordering, plus easy plug-and-play installation at the customer's plant.

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