

AUMA News

AUMA Actuators Aid Expansion of Indian Refinery

A major expansion program at the Mahul refinery near Mumbai has utilized AUMA actuators in a range of valve automation applications. The refinery, which is the third largest of its kind in India, has extended facilities to include a motor lubricant manufacturing plant and a tank farm for lube oil base stock products.

A key area for actuation support from AUMA was provided for the tank farm which required 39 valves equipped with electric actuators for filling, emptying and mixing a range of products with different viscosity classes.

AUMA responded with an integral actuator solution that ensured that the new plant section could be installed and commissioned without impact on the existing plant's operation. The actuation system included master stations controlling communication via Modbus-RTU fieldbus protocol and explosion proof actuators.

Safety features were significant in the selection of AUMA products as emergency shut down plays an essential role in the operation of the tank farm. A combination of integrated emergency input actuator technology and fireproofing ensured that AUMA met the safety requirements.



AUMA actuator with Modbus-RTU interface automating multiturn-turn valve

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