

Auma India supplies locally manufactured SIL certified actuators for NTPC FGD projects

Recently, Auma India has supplied locally manufactured SIL certified weather-proof actuators for 2x660 MW NTPC Khargone Super Thermal Power Plant and 2X800 MW Lara Super Thermal Power Plant. These power plants will be equipped with FGD system to control the harmful gas emissions to comply the norms specifically on sulphur dioxide.

Auma India has modified its present range of weather-proof SA/SAR actuators using Auma Germany control technology to meet the SIL requirement. Auma India has received all the required certifications for the actuator with controls in SIL version.

The supplied SA range actuators are equipped with enhanced graphical display technology, bluetooth technology, double sealing system and Profibus DP communication. Supplies also includes Auma India GS range worm gearboxes and GK range bevel gearboxes.



Auma's electric actuator with controls in SIL version

Auma India to supply ROSOVs for BPCL Mahul Refinery Tank Farm

Auma India has received an order to supply ROSOV—Remote Operated Shut-Off Valves for the BPCL Mahul Refinery Tank Farm replacing the existing motorized valves at site. ROSOVs are critical part of Tank infrastructure to prevent accidents resulting from fire hazards. Generally, Indian OMCs and Refineries use electrical actuators with hydraulic emergency operating mechanisms, which are prone to frequent maintenance due to presence of oil seals, O-rings etc., thus increasing the total cost of ownership of the actuator.

Auma has introduced a revolutionary product FQM with completely mechanical system to store energy during normal operation. In the event of mains power failure or emergency operation, the stored energy is released and the valve is brought to desired fail-safe position. Thus reducing the total cost of ownership and down time.



Ex-proof actuator SQEX+ACEX.2 with FQMEX fail-safe unit

The supplies to BPCL consists of a complete solution including SIL certified Auma make part-turn explosion-proof SQEX+ACEXC.2 actuators with MODBUS for digital interface with controls system and explosion-proof FQMEX fail-safe unit. This is the first such installation in India to have explosion-proof actuator with spring return fail-safe units for tank outlet application in a jetty.

Auma India receives an order for World Bank funded JTFR Project in Srinagar

Auma India has received an order to convert existing Hand operated valves to Motor operated valves at Srinagar.

Srinagar in Jammu & Kashmir suffered flash floods in September 2014. The city reeled under torrential rains for days, causing large scale flooding, resulting loss of lives and livelihood for millions in the city. A detailed study indicated that a recurrence of such a phenomenon was plausible and an inadequate infrastructure to pump out the flood water for several days was the key reason for extent of devastation.

A series of projects was planned by the Government of India and with the financial aid from World Bank, JTFRP – Jhelum Tawi Flood Recovery Project was setup. JTFRP serves as a nodal agency for implementing infrastructure to remove the flood waters and other related infrastructure projects.

Auma has been awarded contract for the actuators and related services of the automation package for pumping systems, valves and related instrumentation. The scope of the project is for supply, installation and commissioning of about 100 actuators. In addition to the above scope, it also includes multi-year comprehensive annual maintenance contract with extended support for providing breakdown maintenance and spares in case of emergencies.

All the actuators are being supplied with customized mounting kits to suit the valves at site and specialized motor heaters to enable safe starting even during winters experienced in Srinagar.

Auma installs new MCV650 & LT20C to replace the existing machines

Auma India regularly invests in its infrastructure to continuously improve its processes and their interactions. Recently, Auma India has installed new MCV650 vertical machining center and LT20C turning center adding on to its manufacturing capabilities.



MCV650 vertical machining center



LT20C turning center

Electric actuators with epac controls in SIL version up to SIL3

Over the years, Auma India has evolved as a technology partner meeting the automation requirements of Indian power sector. Recent changes in the specification of the power plants regarding the safety requirements within the processes of power plants call for advanced automation systems. One such requirement is for actuators with functional safety (SIL) which was earlier met by the imported actuators.

Auma India has recently developed a local actuator solution meeting this requirement in a record time of 1 year. This actuator solution from Auma India is expected to reduce the total cost of ownership for the power plants with the availability of local spares and maintenance services.

Auma India actuators with epac controls in SIL version are designed in-line with Auma Germany control technology and house absolute encoders for the accurate & direct measurement of limit & torque and an additional SIL module specially designed for the execution of safety functions along with additional limit switches. The actuators have enhanced graphical display and bluetooth technology for easy user-friendly interface for display and programming. The actuators are suitable for various communication interface such as Profibus DP / Modbus in 2-wire communication, 4-20mA command signal & hardwired interface depending on the requirement. These actuators are certified for the architectural configuration up to SIL3 and controls for Profibus DP V0/V1.



Auma Actuator in SIL version-Quality Certification



Profibus Device Certificate

Visit www.auma.co.in for more information.

Online Training Program

Training Schedule for the online product training - FY 2021-22

Due to the on-going Covid-19 pandemic in the country Auma India would be conducting the online product training for its customers instead of physical training. The schedule for the same is provided for the information of the customers.

Cycle No	Start Date	Time
Second Cycle	08-07-2021	14.00 - 17:30 Hrs
Third Cycle	07-10-2021	14.00 - 17:30 Hrs
Fourth Cycle	07-01-2022	14.00 - 17:30 Hrs

AUMA CSR

Auma India contribute funds to Sri Shankara Cancer Foundation

Auma India has contributed funds to Sri Shankara Cancer Foundation, a not-for-profit organization, with the core purpose of providing comprehensive cancer treatment for all cancer patients particularly the poor.

7 Children sponsored by Auma India in the year 2020-21 through Shanti Bhavan Educational Trust



PC: shantibhavantrust

Auma India join hands with various NGO's to help the needy during COVID-19 pandemic

Covid-19 pandemic second wave has impacted the life of people of different verticals of society but poor/daily wagers are the ones who are most affected. Auma India in its conscious efforts to help the needy during the pandemic has joined hands with different NGO's and trust to maximize its reach.

- Contributed INR 20 lacs to KVN Foundation for the purchase of Oxygen concentrators and food kits for poor people.
- Contributed INR 10 lacs to Hasirudala NGO, for distribution of 540 nos. basic food kits for identified waste pickers families in T.Dasarahalli and Nelamangala.
- Contributed INR 6 lacs to Rotary Bangalore West Trust to buy Oxygen concentrators for the Government hospitals in Bengaluru.

AUMA India Address



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