

Auma Executes Order of Actuators with Integral Starter for Surat Municipal Corporation Project

Auma is executing an order of 450 actuators for automation of existing valves in Surat Municipal Corporation for Sewage Treatment Plant and Sewage Pumping Station. The scope of supply includes actuators and actuator controls that are panel mountable on Din Rail for ease of maintenance during downtime. The unique feature of this product is the control panel with Positioner having four relays to give additional potential free contacts for intermediate positions to remote control station, which could be set for different valve positions as per the process requirement.



Message from the Chairman, Auma India

It has once again been my pleasure to visit Auma India this year. With every visit, I see vast improvements and changes within the company that produce better products in a more efficient way. I was particularly impressed to see the new building work progressing well. Once this is completed, Auma India will have more space to continue to grow their business and keep pace with the demands of its customers to supply high quality actuators and gearboxes.



Ian Sully

Itaqui Maranhao, 3x360 MW Coal-Fired Power Plant

Auma has received an order for actuators with integral controls Auma-matic for prestigious Itaqui Maranhao, 3x360 MW Coal-Fired Power Plant in Brazil through M/s Larsen & Toubro.

Guru Gobind Singh Refinery Project at Bhatinda, Punjab

Auma India has received an initial order for Explosion-proof actuators with integral starter controls for Guru Gobind Singh Refinery Captive Power Plant Project through EPC contractor, Engineers India Limited.

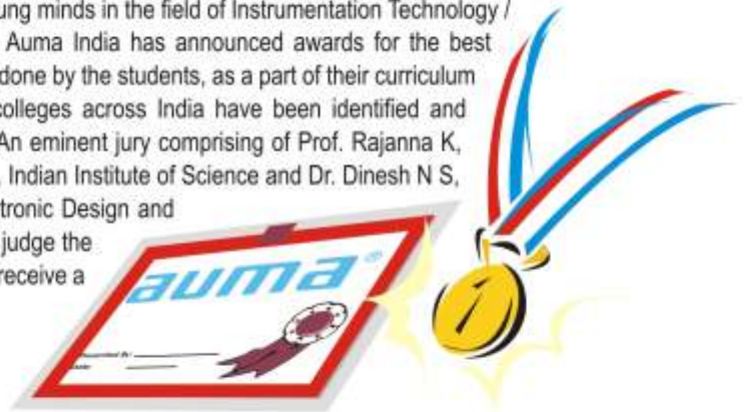
Guru Gobind Singh Refinery would be an energy efficient, environmentally friendly, high distillate yielding complex greenfield refinery that would be producing clean fuels and polypropylene by processing heavy and acidic crudes. This project also includes a Captive Power Plant for Refinery's power & steam requirements.

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Awarding the Best Projects in the Field of Instrumentation Engineering at Undergraduate Level

As a part of Auma's initiative to encourage young minds in the field of Instrumentation Technology / Electronics and Instrumentation Technology, Auma India has announced awards for the best projects in the above said discipline. Projects done by the students, as a part of their curriculum would be considered for this exercise. 50 colleges across India have been identified and intimated to participate in this annual event. An eminent jury comprising of Prof. Rajanna K, Professor & Chairman, Instrumentation Dept., Indian Institute of Science and Dr. Dinesh N S, Principal Research Scientist, Centre for Electronic Design and Technology, Indian Institute of Science would judge the projects at national level. Best projects would receive a cash prize and a citation from Auma India.



President of CEIR - Mr. Maurizio Brancaleoni, MD, Auma Italiana

Mr. Maurizio Brancaleoni, Managing Director, Auma Italiana has taken over as the president of The European Committee for the Valve Industry (CEIR), which represents most of the European manufacturers in the field of valves and fittings.



Mr. Maurizio Brancaleoni, President, CEIR

Chairman of VMA- Mr. Sam Bennardo, President, Auma Actuators Inc., US

Mr. Sam Bennardo, President of Auma actuators Inc., US, took over as the Chairman of Valve Manufacturer Association of America, last year. He is known for his optimistic attitude in the troubled financial times. He will be completing his tenure in Oct'09



Mr. Sam Bennardo
President, Auma Actuators Inc., US

Endurance Test of Auma Gearbox Successfully Completed and Witnessed by CPRI

Auma gearbox GS315 / GZ30 in combination with SA100 was successfully tested for endurance test as per relevant AWWA-C504-00 standard clauses by mounting on a 2.6 m butterfly valve.

Endurance test for GS250 / GZ25 in combination with an actuator was performed earlier this year as per relevant AWWA-C504-00 standard clauses by mounting gearbox on the Type Test Rig and adding dead weights to create an output torque of 32000 Nm on the lever arm of 2500 mm length.

These tests were witnessed by Central Power Research Institute, Bangalore.



GS250/GZ25



GS315/GZ30

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Unique Features of Auma E-pac Controls

Auma electric actuators with integral starter e-pac have many unique features, which are of immense benefit to the associated plant equipment and to the end users. To cite a few:

- **Wall Bracket Mounting of Actuator Controls and**
- **Timer Board**

Wall Bracket Mounting of Actuator Controls

The following issues are encountered in some valve and actuator installation:

- Difficult to reach position for operation when valves with actuator controls is in pit head or elevation or face space constraints due to piping layout
- Severe vibration in pipeline leading to induced vibration in valves and actuator controls
- Valve and actuator controls exposed to high temperature zone

In such cases or combination of the above factors, Auma's unique design makes it possible to segregate mainframe actuators with gearings from e-pac actuator controls. E-pac controls can be mounted on a wall bracket separately thus protecting the actuator electronics from severe environmental conditions and also making e-pac controls accessible to the operator. The connection power and control cable are terminated at either end with Auma plug and socket connectors, which is fitted onto the mainframe actuator at one end and e-pac controls at the other end as shown in the photograph. Additional benefit of this plug-in feature is less downtime for maintenance. Safety and operators convenience is ensured incase of difficult to reach position.

This feature can be incorporated even for an existing installation of Auma actuators with or without integral starters.

Timer Board

In case of valve and actuator control application in large pipelines, the sudden closure of valve may give rise to water hammer effect, which may cause damage to the pipeline.

To overcome this water hammer effect during the operation, Auma e-pac controls could be provided with timer board as an option. With the Auma timer board functions, we could operate the valve with a fixed speed to 90% of its travel and balance 10% travel for closing can be done in gradual steps using on-off mode. This ensures reaching the end position 'close' slowly for balance 10% of the travel to minimize water hammer effect. The timing function is adjustable between 1 to 30 sec, both in open and close direction of operation.

Auma Goes Eco-friendly

For safe storage and transit, Auma products could be offered in eco-friendly and aesthetically appealing Tri-Wall boxes, which give maximum rigidity, crush resistance and superior stacking performance.

These boxes are:

- Easy to seal with normal packing tape, plastic strapping or carton box sealer
- Not subject to the ISPM 15 rule, when used to ship products between countries
- Recyclable and
- Environment friendly as 1 Sq. mt of Tri-Wall emits 3.4 Kg. of carbon-dioxide on burning when compared to 12.1 Kg. of carbon-dioxide emitted by 1 Sq. mt of 12 mm plywood

Auma offers these packing boxes to its customer who accepts deliveries in bulk packing.



Wall Bracket Arrangement

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Customer Training Program Conducted during 06 – 08 Aug'09

Auma conducted a 3 day training program in Aug'09, which was attended by customers from KPCL - Kudritini, Mather & Platt - Pune, NTPC - SIPAT, ST CMS- Neyveli, Vedanta - Lanjigarh, Intervolve- Pune and Globe Engineering - Chennai. Next customer-training programs are scheduled on 8 -10 Oct'09 and 7 - 9 Jan'10. Customers interested in attending the training program in January 2010 can contact Mr. P D Shenoy, Head-Services on 080-28394365 Extn.205 or e-mail at service@auma.co.in.



Auma's Contribution towards the Maintenance of Peenya Infrastructure Corridor Upgradation Project

As a part of corporate social responsibility, Auma is maintaining Peenya Green Park with an area of about 3.5 acres. Auma recently commissioned a bore well to meet the water requirement of the park.



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