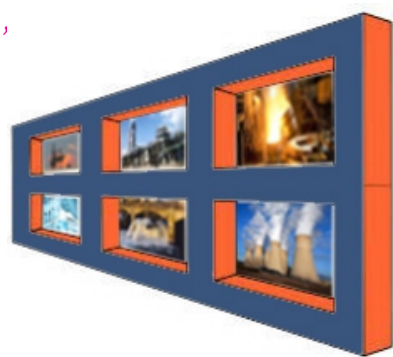
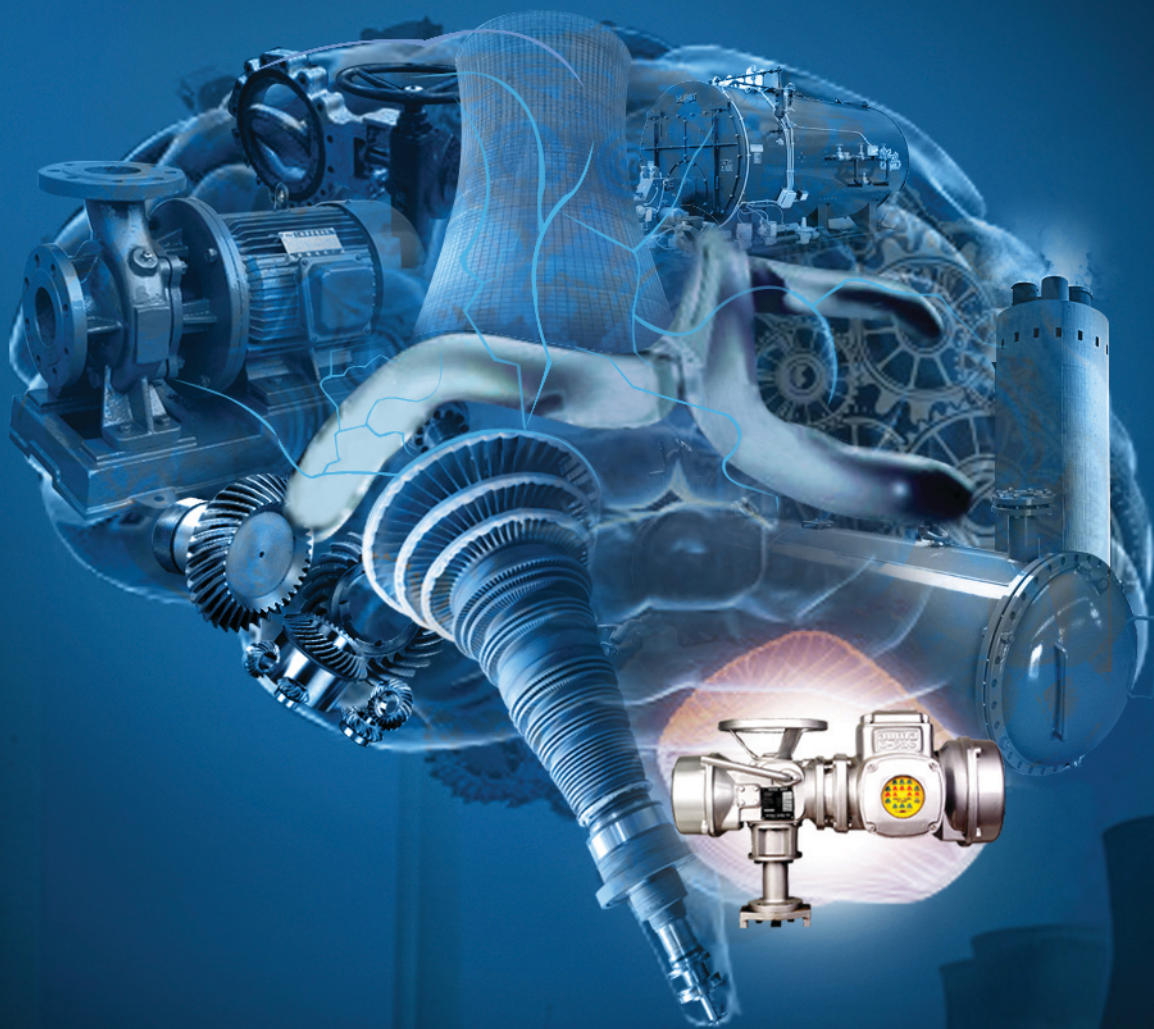


'Getting connected to our customers through Infaumation window'

# infaumation



AUMA India Quarterly Newsletter (Jan - Mar 2018)



## THINK AUTOMATION. THINK AUMA

The controlling centre behind all Industrial Valves

AUMA India is the Leader in the field of Electric Actuators and Valve Gearboxes for the automation of Industrial valves and dampers in the country. Be it power, nuclear, water, petroleum, cement or steel, AUMA India actuators are at work behind the scenes, controlling some of the most critical processes in industry.

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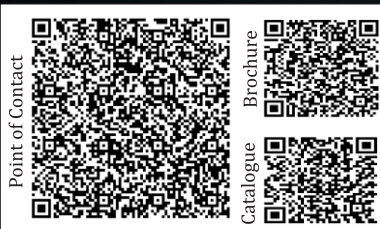
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## Unique Solution from AUMA India

AUMA India has now upgraded its Master Station (AIMS) to accommodate actuators up to 10 different makes in Modbus line & loop topologies. With this development, an end-user can integrate actuators of different makes in an existing line/ loop to AIMS for automation. Solution offered by AUMA India is first for the industry and has already been implemented at two sites.

### MARKETING ORDERS BAGGED

#### AUMA India actuators and gearboxes for TANGEDCO Projects - Uppur, Tuticorin, North Chennai

AUMA India bags the order for supplying actuators and gearboxes through different valve makers for TANGEDCO's power projects in Tamilnadu viz., 2x800 MW Uppur Supercritical Thermal Power Project -

Ramanathapuram district of Tamil Nadu, 1x800 MW North Chennai Supercritical TPP Stage III, 5x210 MW Tuticorin TPP.



#### AUMA India actuators finds its application in Narmada Water Supply Project for the Improvement of Water Supply System of Pithampur Industrial Area



AUMA India supplies electric actuators for Narmada water supply project (90 MLD capacity) which is aimed at developing the water supply system infrastructure for the transmission and distribution of water as per the demand of Pithampur industrial area, Madhya Pradesh.



SOURCE: UPRVUNL's Harduaganj UTPP, Aligarh, Uttar Pradesh

AUMA India bags orders for UPRVUNL's Harduaganj Ultra-supercritical Thermal Power project (UTPP), Uttar Pradesh  
AUMA India supplies Actuators and Gearboxes for the operation of dampers and GGC valves through different valve makers to UPRVUNL's Harduaganj UTPP (stage III: 660 MW), Uttar Pradesh.

## **G**reening the Grid: AUMA India balancing the renewable energy using the Automated Demand Side Management (ADSM)

AUMA India takes pride in announcing that it has been recognised by BESCOSM as the first company in India to take up the initiative in balancing the renewable energy using ADSM initiated by BESCOSM, INNOVARI and USAID. This basically works on the principle of monitoring and controlling the grid connected resources using a unique cloud based software. With the help of this project, BESCOSM's capital intensive upgrades of feeders, substations and transmission systems can be deferred to reduce the need for more expensive power purchase to bridge the demand-supply gap during peak demand. This project is also a part of 'Greening the Grid', a major initiative rolled out jointly by USAID and Ministry of Power, GoI under the PACE-D program to build the capability of India's power systems to manage the large-scale integration of renewable energy into its power grid at an acceptable cost.



## **Business Visit :** Sparkassenverband Baden-Wuerttemberg(SVBW)'s visit to AUMA India

A group of delegates headed by Mr. Peter Schneider, President from Sparkassenverband Baden-Wuerttemberg, a regional savings bank association based in Stuttgart, Germany paid a business visit to AUMA India during the month of January. SVBW basically engages in promoting public savings banks and cooperation within the Sparkassen-Finanzgruppe and coordinates diverse activities.



SVBW Delegates from Germany with AUMA India Managing Director

## Variable speed actuators for potentially explosive atmospheres:

### AUMA launches explosion-proof variable speed actuators

AUMA's new SAVEx and SARVEx variable speed actuators combine accurate setpoint control with mechanically gentle valve operation.

**E**lectric actuator manufacturer AUMA has launched explosion-proof variable speed valve actuators for use in potentially hazardous environment. The new SAVEx actuators for open-close duty and SARVEx multi-turn actuators for modulating duty, combined with intelligent ACVEx actuator controls, provide full control of the motor speed at any time.

In oil and gas applications, variable speed offers significant advantages for challenging valve control tasks, since it allows the optimum operating speed to be selected for each change of valve position. High positioning accuracy and optimised setpoint control considerably increase the effectiveness of pressure control valves in gas pipelines, for example. On multiport valves, variable speed actuators aid rapid and accurate switch-over between ports.

Mechanical stresses on valve, actuator and pipeline are minimized by reducing the operating speed close to the end positions, allowing the moving element of the valve to make gentle contact with the seat. Pressure surges and cavitation effects in the pipeline can be avoided by using speed profiles.

When working in modulating duty, the actuator speed can be set to reduce progressively as the valve position approaches the setpoint, giving a significant increase in positioning accuracy.

Actuator speed can also be controlled by an external signal – either 4–20 mA analog or 0–100 % digital – to take full advantage of additional control variables or algorithms. A further option is speed synchronisation between two actuators.

AUMA's new explosion-proof SAVEx and SARVEx actuators complement the weatherproof SAV and SARV type range. They are available in six sizes covering torques up to 1,000 Nm. Speed ranges include 6–60 rpm, 12–108 rpm and 24–116 rpm.

### Applications:

The new generation of variable speed actuator is ideally suited for potentially explosive atmospheres within the oil and gas industry and finds its application in

- o Gas flow control valves for minimising process setting time at the position and high control accuracy which are the key factors for maximising the value added of products.
- o Multiport valves operation namely in the quality analysis of media to considerably reduce the costs for expensive analytical instruments (16 valve inputs, one valve output).
- o Filling of “coke drums” in refineries (4-way valve, multi-turn).



## AUMA India - In-house Customer Service Training Programme

**A** 3-day In-house Customer Service Training Programme was organized by AUMA India during 17th - 19th Jan 2018, which was attended by the

delegates from various end-users viz., NPCIL Kudankulam, JSW Steel Toranagal, JSW Cement Ltd Nandhyal, Gerdau Steel Tadipatri, HPCL (Tirunelveli, Coimbatore, Madurai, Kozhikode & Chennai). The training programme was aimed at imparting theoretical know-how along with the demonstration of AUMA products.



### Making CSR Impactful:

### AUMA India collaborating with NGOs for Social Impact & Community Development

AUMA India organized a CSR meet with its partners of NGOs viz., Akshayapatra, Shanti Bhavan, Prasanna Trust, Hasiru Dala and Gandhi Old Age Home during the last quarter on the occasion of Chairman's visit. The event marked the success of the developmental impacts of AUMA India's CSR initiatives towards its community by inclusion of social and environmental considerations into the company's operations.

### AUMA India In-house Customer Service Training Programme Calendar

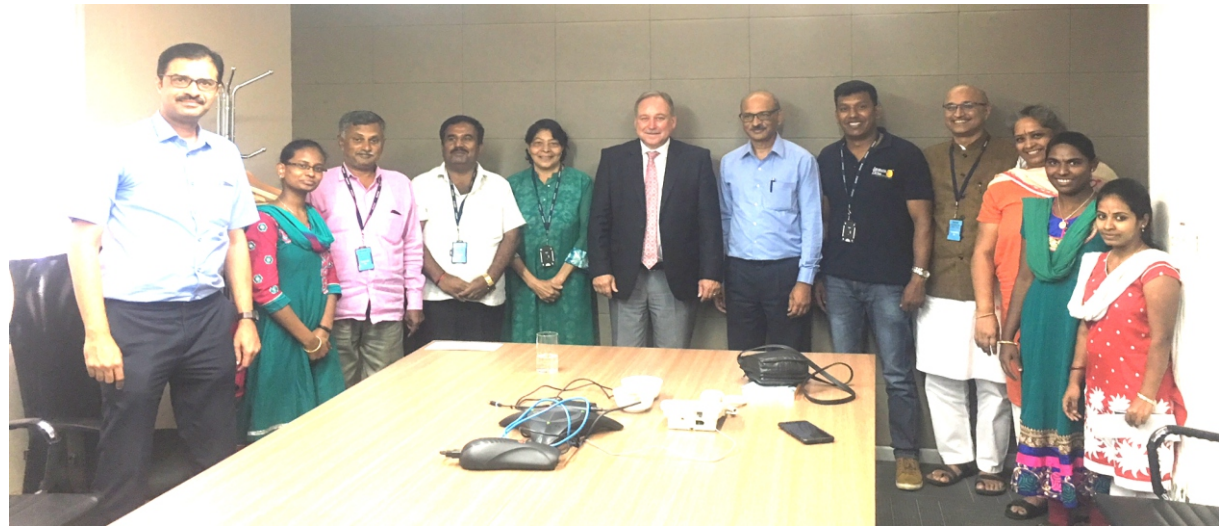
TRAINING START DATE	TRAINING END DATE
19-04-2018	21-04-2018
05-07-2018	07-07-2018
11-10-2018	13-10-2018
17-01-2019	19-01-2019

For registration details, please contact Service@auma.co.in/ UmeshK@auma.co.in/ PrashanthS@auma.co.in

Access AUMA India Website <http://www1.auma.com/cms/AUMA/india> for the below links



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