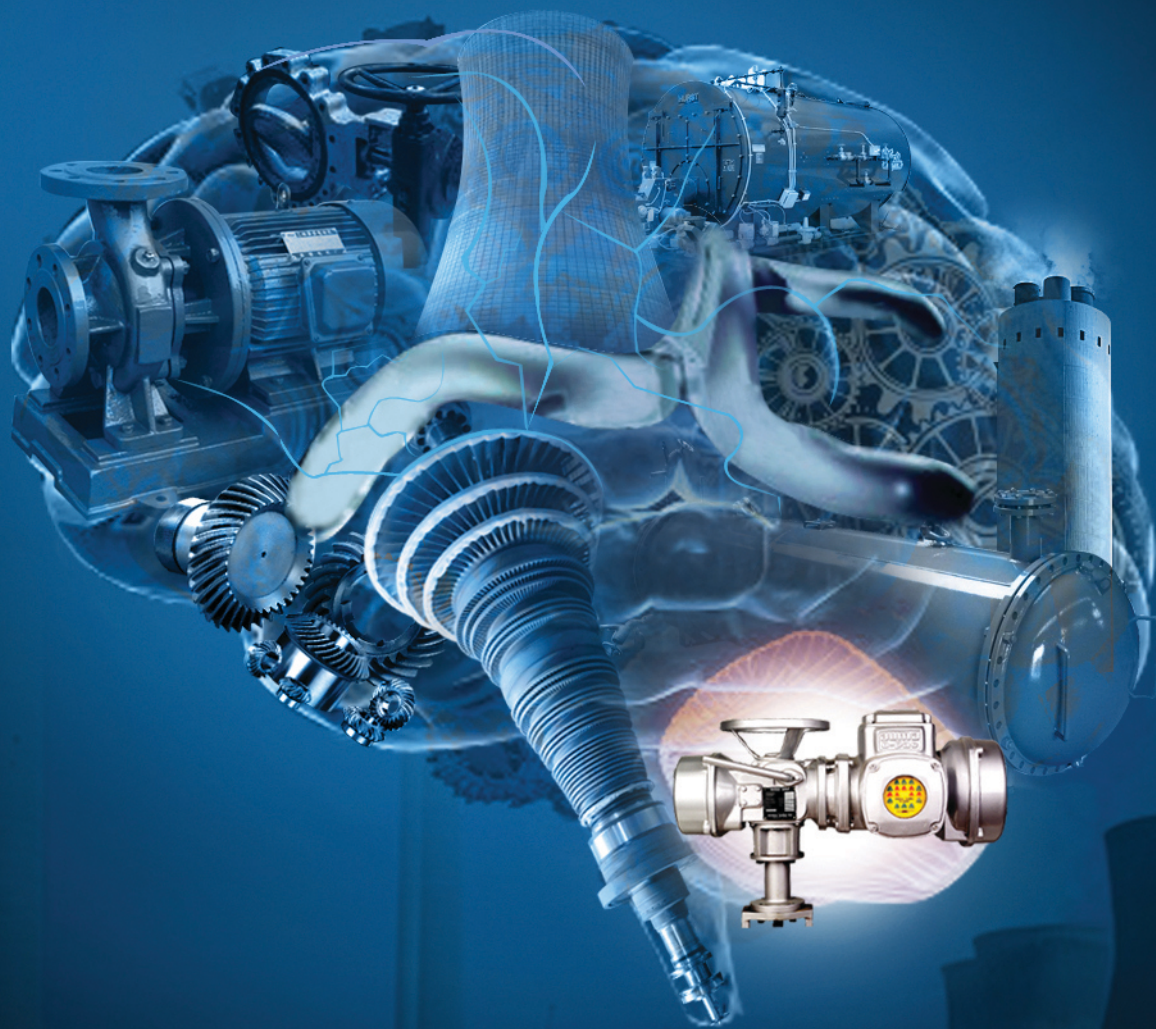
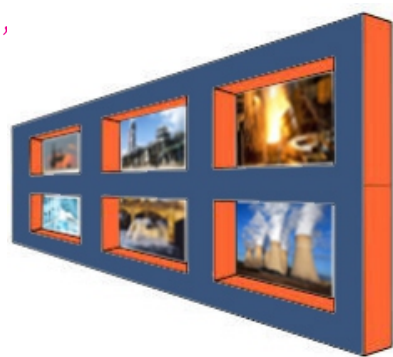


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AUMA India Quarterly Newsletter



## 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.

### AUMA India Pvt. Ltd.

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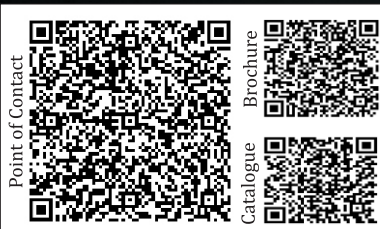
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The Leader in the field of Electric Actuation Products



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Happy Independence Day



## “Happy Independence Day” Greetings from AUMA India to INFAUMATION readers

AUMA India wishes its stakeholders a very Happy Independence Day. AUMA India is proud to be a part of the growth story of India contributing to the development of infrastructure, power, oil & gas and water sectors thereby driving Indian economy to new heights.

### AUMA India bags orders for supplying electric actuators for NTPC - Tanda 2 x 660 MW Coal Power Plant

AUMA India bags Alstom Bharat Forge Power Ltd. (ABFPL) orders, the joint venture company between Alstom and Bharat Forge for 2 x 660 MW Coal power plant project located in the state of Uttar Pradesh, the project being put up NTPC @ Tanda for supplying electric actuators for the Super-critical Steam Turbine package.



COURTESY: NTPC - TANDA

MARKETING  
ORDERS BAGGED



COURTESY: PHED - Rajasthan

### AUMA India receives orders for supplying electric actuators for PHED, Rajasthan - RWSSMB project

In a move towards effectively solving water problems of the state, the Public Health Engineering Department (PHED) of the Rajasthan Government has adopted water conservation measures ensuring safe water for household needs. AUMA India is now a part of the water supply projects of RWSSMB-PHED, Rajasthan for supplying electric actuators for operating sluice gate & butterfly valves.

### AUMA India actuators to be a part of MAHAGENCO - 3 x 660 MW Koradi Super-critical Thermal Power Plant

AUMA India receives order for supplying actuators and gearboxes for MAHAGENCO - 3 x 660 MW Koradi Thermal Power Station Expansion Project, Maharashtra, India for the super-critical Steam Turbine Generators (STGs) package. This is deemed to be the Largest EPC Contract in Power Sector.



COURTESY: MAHAGENCO - Koradi Power Plant, Nagpur

## Health and Safety Awareness Training Programme @ AUMA India

Health and Safety Awareness Training Programme was conducted by AUMA India with both

theoretical & practical sessions detailing on first aid, and fire fighting. This session benefitted Employees in knowing about new and useful information on industrial safety and health including the role of employees during emergency situations. AUMA India periodically assesses & reviews the status on Safety, Health and Environment.



Theoretical Session:  
First Aid and Emergency preparedness program



First Aid Training - Mock Session  
Practical Session: First Aid & Fire Fighting



Fire Fighting Session - Mock Drill

## Field Trip by IGCC Team to AUMA India

A Case Study was conducted by the IGCC - Pune team on the Potential of Solar PV as a viable alternative to conventional power during their field trip to AUMA India, Bengaluru.



AUMA India representatives with IGCC - Pune Team

A panel of 3 members from Pune office of Indo-German Chamber of Commerce (IGCC) team came on a field trip to AUMA India to gather information for their market study about solar PV application & its benefits.

AUMA India representatives explained to IGCC team how AUMA India benefits from their solar power plant including net metering policy announced by the State of Karnataka.

The Excerpts from IGCC field-study report as follows: Since the announcement of solar policies by the central government under JNNSM & by various states in India, application of solar PV technology is witnessing a huge growth. Besides the substantial leap in installed capacities in on-grid projects, there is also a growing interest in projects for self-generation for captive consumption including roof-top installations.

In line with that, AUMA India has become the first company in the whole of Peenya which comprises of more than 10,000 industries to export surplus power to BESCO Grid with the self generation capacity for captive consumption of solar power. AUMA India has the total commissioned capacity of 375.65 kWp of solar power generation from the solar roof top project which would typically generate around 5,61,578 kWh of energy per annum and would save approximately 449 tonnes of CO<sub>2</sub> emission per annum to the environment.

The generous support extended by AUMA India was appreciated by IGCC for supporting them in conducting their field research and for involving in the insightful discussions about the possibilities of using solar power in the Indian industry.

## AUMA variable-speed multi-turn actuators

Slow and precise operation during closed-loop control, fast during emergency operation: the integral frequency converter provides flexibility.

NEW PRODUCT  
DEVELOPMENT



The proven AUMA SA/SAR range of electric actuators is now enhanced by variable-speed models, thanks to the combination of SAV/SARV .2 multi-turn actuators with intelligent ACV 01.2 actuator controls. AUMA Germany is a technology leader in offering an extremely wide speed control ratio, allowing operators to benefit simultaneously from both accurate positioning and rapid operation. When working in modulating duty, the actuator speed reduces progressively as the valve position approaches the setpoint, giving a significant increase in positioning accuracy. In profile operation, with up to eight pivot points in each direction of travel, automatic speed adjustment ensures rapid travel while minimizing cavitation and pressure surges. Soft start and soft stop allow smooth operation close to the end positions.

Actuator speed can also be controlled externally to take full advantage of additional control variables or algorithms. A further option is absolute speed synchronisation between two actuators.

The new actuators are available in six sizes covering torques up to 1,000 Nm. Open-close actuators operate within one of two speed ranges: 6 – 60 and 12 – 120 rpm. Most of the modulating actuators can also operate in the range 24 – 240 rpm.

AUMA Germany has created the new ACV 01.2 variable-speed controls by integrating a frequency converter into its existing intelligent AC 01.2 actuator controls. The actual multi-turn actuator remains nearly unchanged. For the complete actuator, the designation SAV or SARV designates a variable-speed model combined with ACV 01.2 actuator controls.

## In-house Customer Service Training Programme

On the job training programme gave customers a complete picture of the product portfolio & in-depth understanding of the operational features & flexibility of AUMA products.

A 3-day customer service training programme was organized by AUMA India in its premises during 7th - 9th July 2016, which was attended by the delegates from various end-users and OEMs viz. NTPC-Barh, ONGC-Uran, TATA steel LTD-Jamshedpur, Howden Solvent-Chennai, SAIL ISP-Burnpur, Jupiter valves, Degremont Ltd-Bangalore. The training programme was aimed at imparting theoretical know-how along with the detailed demonstration of AUMA products.



In-house Customer Service Training Programme @ AUMA India

## R & M - Service & Commissioning Support activities carried out by AUMA India

AUMA India has been carrying out various service & commissioning activities - R & M/ AMC support for the retro fitment of actuators across various customer sites. Under Asset management - overhauling & maintenance, AUMA India offers the maintenance and inspection service at regular intervals, adapted and defined in accordance with the customized requirements.

### Benefits/ Advantages of Renovation & Modernization (R & M) scheme offered by AUMA India

- Automation of manual valves
- Implementation of modern automation concepts
- Experienced team for site study/evaluation to offer best automation solution
- Retrofitting/ Replacement of old actuators (any -make) with current actuators of AUMA India

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

TRAINING START DATE	TRAINING END DATE
20-10-2016	22-10-2016
04-01-2017	06-01-2017
20-04-2017	22-04-2017
06-07-2017	08-07-2017

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

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**Newsletter Editor**

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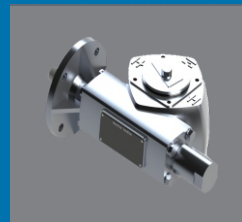
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