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AUMA India Quarterly Newsletter (Apr ~ Jun' 2015)

AUMA India to supply actuators for Bhilai Steel Plant

AUMA India has bagged an order for electric actuators for use in Bhilai Steel Plant near Raipur, Chattisgarh. More than 250 nos. of weather proof actuators is to be supplied for this project.

With an annual production capacity of 3.153 MT of saleable steel, the Bhilai Steel Plant also specializes in other products such as wire rods and merchant products. Since BSP is accredited with ISO 9001:2000 Quality Management System Standard, all saleable products of Bhilai Steel Plant come under the ISO umbrella.

AUMA India actuators would be used in the automation of valves in water system at plant. The scope of work of AUMA India consists of manufacturing and supplying of electric actuators and commissioning assistance of actuators.



AUMA India to supply actuator for NTPC Meja & Solapur power plants

AUMA India has received several orders for supplying electric actuators with thrust loaded output drive for NTPC's 2 x 660 MW Meja thermal power plant in Uttar Pradesh and 2 x 660 MW Solapur super thermal power plant in Maharashtra. These actuators will be used for the operation of Angle valves in the boiler package at site.

These power plants are based on super-critical technologies for higher efficiencies and lower emission of carbon dioxide from the plants.

AUMA India supplies actuators for automation at Parvati water treatment plant, Phase I & Phase-II of Pune Municipal Corporation (PMC)

The Pune Municipal Corporation (PMC) has a water treatment plant at Parvati water works with a total capacity of approximately 535 MLD (Phase-I with 210 MLD & Phase-II with 315 MLD) with total 26 filter beds (together with Phase-I & Phase-II) out of which 07 filter beds from Phase-I are fully automated recently during 2014-15 by the use of 'AUMA' make electric actuators and desk type control station. 'AUMA' also did the automation of Inlet gate valves of all the 14 Filter beds of Phase-II with 'AUMA' make electrical actuators replacing the existing pneumatically operated system.

Earlier in 2013-14, AUMA India had supplied similar solution to automate 5 filter beds of phase-I of the same project. Under these projects, 'AUMA' India has completed 100% renovation and modernization / automation of 210 MLD (phase-I) WTP as well as partly renovation and modernization / automation of 315 MLD (phase-II) WTP where in 'AUMA' India has supplied weather proof type electric actuators. Scope of work included manufacture, supply, installation and commissioning of electric actuators and adaptation kits to automate existing manual operated valves and gates.

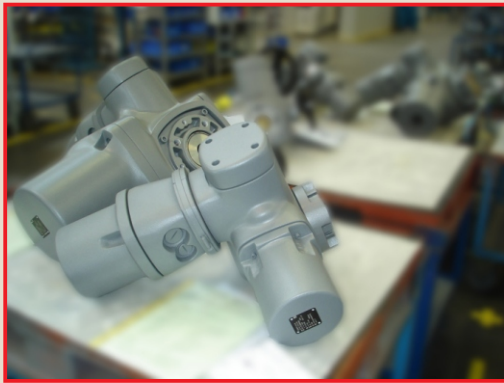
In the past, AUMA India has also provided the similar automation solutions to water supply as well as sewage water schemes of different cities like Bangalore, Mumbai, Delhi, Chennai, Hyderabad, Ahmadabad, Surat to name a few.



AUMA India bags another order for BPCL Kochi Refinery

AUMA India has bagged several orders for BPCL Kochi tank farm automation project to supply AUMA Germany make explosion-proof actuators. Among these actuators few are with K-Mass® coating and foundation fieldbus communication.

The K-Mass® coated actuators have special coating that expands in the event of fire and protects the parts inside the housing against heat. This makes sure that actuators with K-Mass® remain fully functional during 30 minutes even when subjected to temperatures up to 1100°C.



AUMA Germany Explosion proof Actuator with K-Mass® coating

Safety Day celebration @ AUMA India

4th March is celebrated as a National Safety Day in India. AUMA India being a safety conscious company celebrated National Safety Day by conducting Safety Quiz for the employees. For understanding and creating a preventive culture and scientific mind set, AUMA India regularly conducts safety training programmes for its employees.



Fish Tank in AUMA India

Machining of parts with controlled dimensions is the key to achieve the excellence in manufacturing system. Monitoring of manufacturing processes with reliable measurement systems is the essential for the organisation. The measurement system encompasses the measuring equipment, people and environment in which measurement is being done.

Three Dimensional Co-ordinate Measurement Machines (3D CMM) are playing major roles in modern manufacturing practices. These are supporting the manufacturing processes by mirroring the clamping and orientation methods of machining processes in measurement. These 3D CMMs can give best results under the controlled environment.

A facility with controlled environment has been created in AUMA India for the measurement of components using 3D CMM. This is placed in the machine shop, which brings the measurement and manufacturing closer to each other. This facility also houses, gauges and measuring instruments calibration room. This is mainly used for calibration of some measuring instruments and gauges used in AUMA India.

Facility has been established in line with FISH TANK concept of AUMA Germany and other subsidiaries. The temperature, glass glazing, dust and illumination levels have been incorporated as per the AUMA standards. AUMA Group Improvement Team has been guiding this project at AUMA India.



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*invites its readers
to visit*

**AUMA stall (Hall 8.0 C23) at
ACHEMA**

The World Forum and Leading Show for the Process Industries

between

**15 - 19 June 2015 in Frankfurt am
Main, Germany.**

3D Models of AUMA India gearboxes are now available on www.auma.co.in

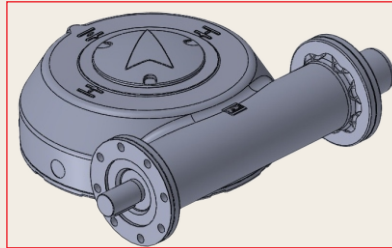
In today's competitive market, it is essential to equip our customers with all the necessary inputs or information to be their first choice while making a decision. In addition to already available information on our products, we have recently added 3D solid models for the AUMA India gearbox range on our website. These 3D models are available for Flange mounted Worm Gearboxes (GS), Foot mounted Worm Gearboxes (GF), Multi-turn Bevel Gearboxes (GK and ABG.2) and reduction spur gearboxes (VZ & GZ) in universal STEP format. Other format like IGES can be provided on request.

Related 3D models of actuator mounting flanges, handwheel and output drives (for GK) are also provided for the customers to download at their end. The compatibility chart provided on the AUMA India website www.auma.co.in can be used by the customers to download the appropriate gearbox models and other related information.

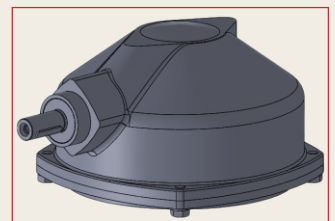
3D models of AUMA India electric actuators for weather proof applications are already available on the website, which can be downloaded for use.

Customer's Benefit

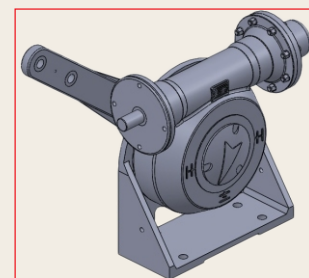
- Better Visualization of Auma India product
- Clear information on gearboxes outer dimensions
- Integration of gearboxes 3D models with valves / actuators to check for any suitable orientation / compatibility
- Integration of gearboxes 3D models with their own products to check space requirement for mounting gearboxes



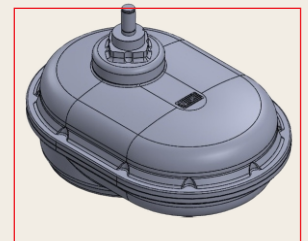
GS Worm gearbox



GK Bevel gearbox



Actuator Mounting Flange



Reduction Gearbox GZ

Customers can download 3D solid models from the links given below:



- Auma India web page:
<http://www.auma.com/cms/AUMA/india/>
- 3D Models web page:
<http://www.auma.com/cms/AUMA/india/service/threedmodels/1,111004,161474.html>

Please write to us at info@uma.co.in for extra Cd's of AUMA 3D solid models.

Customer Training Programme

A 3-day customer training programme was organized by AUMA India in its premises during 8th - 10th January 2015, which was attended by delegates from various end-users and OEMs. The training programme was aimed at imparting theoretical know-how along with the detailed demonstration of our products.

Training Calendar for the FY 2015 - 16

TRAINING CYCLE NUMBER	TRAINING START DATE	TRAINING END DATE
02/2015-2016	09-07-2015	11-07-2015
03/2015-2016	29-10-2015	31-10-2015
04/2015-2016	07-01-2016	09-01-2016

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Doing our bit for the Society - CSR @ AUMA

AUMA India is a firm believer of the concept of "Corporate Social Responsibility" and as a CSR conscious company always think of working towards betterment of the society and environment.

Some of the important CSR activities taken up this year are:

- ✦ Donation of 2 food distribution vans to ISKCON's Akshaya Patra Foundation. So far AUMA India has donated 7 food distribution vans to Akshaya Patra Foundation.
- ✦ Sponsoring different kinds of charts & maps to Government Primary School, Naranyanapura, Bangalore
- ✦ Donation of cupboards, almirahs, charts & maps to Government Primary School, Shivapura, Bangalore
- ✦ Donation of cupboards, almirahs, racks, charts & maps to Government High School, Chikkasandra, Bangalore
- ✦ Donation of kitchen utensils and play items to Anganavadi (Nursery School) Shivapura, Bangalore
- ✦ Contributed INR 2 Lacs to Prasanna Trust namely Prasanna Jyothi Children's Home - an exclusive orphanage for girls.



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Link for free 18 months Additional Warranty Registration:

[http://www.auma.com/cms/AUMA/india/Warranty Registration](http://www.auma.com/cms/AUMA/india/Warranty%20Registration)

You Tube links for AUMA India videos:

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<http://www.auma.com/cms/AUMA/india/service>

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