

AUMA actuators at FGD installations of NTPC Rihand

AUMA India has supplied SIL certified AUMA Germany make actuators for the safety related system requirement at FGD installations of NTPC Rihand II & III coal fired power plants. NTPC Rihand unit II & III with the capacity of 4x500MW, will be using the Limestone-Gypsum FGD system to reduce sulfur oxide and soot dust emissions which helps in clearing and reducing air pollutants.

These actuators will be supplied along with the AUMA India make bevel gearbox to meet the customer requirement at site.

AUMA India's new trunion mounting actuator

AUMA India's new trunion mounting actuators with pivot movement in both horizontal and vertical directions, replaces the already installed other brand actuators at KIOCL, Kudremukh.

The pivot movement in both directions helps in adjusting the misalignments in multiple gates via a single actuator through a link rod arrangement.

KIOCL Limited is a Flagship Company under the Ministry of Steel, Govt. of India, for mining and beneficiation of low grade iron ore at Kudremukh, Karnataka.

AUMA's high precision SIPOS actuators to replace old actuators at NTPC Vindhyachal TPS stage 1

AUMA has bagged the order to replace the old electric actuators at NTPC Vindhyachal Stage 1 (6X210MW) Thermal power plant with high precision variable speed SIPOS actuators & foot mounted worm series gearboxes. These SIPOS actuators are with continuous modulating motors, which are capable of high position accuracy to about 0.2%. The gear units are with specially machined bronze gears for modulating applications.

NTPC Vindhyachal Stage 1 thermal power station with the capacity of 6X210MW was installed in late 1980's. The power plant technology and equipment was from erstwhile USSR/CCP.



New Trunion Mounting Arrangement with horizontal and vertical movement

Sustainable approach of AUMA India in Corona Pandemic

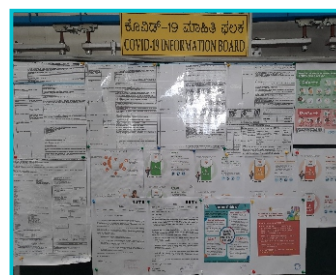
The COVID-19 pandemic across the globe in a relatively short span of time, has posed unexpected challenges and unique problems in various areas to tackle it. At AUMA India, it has given us a learning experience to optimize processes, task-shifting, prioritizing, communication and teamwork.

The formulation of its sustainable approach and SOP was done with due diligence and extensive research on the practices being followed in the neighboring companies inline with government advisories. As a company, it was our utmost priority to structure our approach, which is sustainable in the long run for the operational or business continuity and welfare of its employees, their families and other stakeholders. Glimpses of some of the changes implemented and activities taken up under the SOP's are presented here.



Briefing on SOPs & Medical check-up of employees on return to work

Changes done as per social distancing norms



A dedicated COVID-19 Task force to preliminary tackle emergency situation.

Isolation ward in AUMA premises

Covid Information board along with regular mailers

New Chip Briquetting Machine

AUMA India regularly invest in its infrastructure to maintain and continually improve its processes and their interactions. This time, in the efforts to ensure efficient waste management system in shop floor with minimum utilization of space and energy during machining processes, a Chip compacting or briquetting machine has been installed. This would benefit AUMA India in many ways:

- Contributing in reducing pollution and land contamination towards set targets as per EMS
- Reduced storage space and improved 5S at scrap yard
- Separation of coolant/oils is possible from the machine during the process helping in better scrap handling.



ONE SOLUTION FOR GATE, BUTTERFLY, BALL, PLUG AND GLOBE VALVES

PROFOX is a compact actuator with intelligent functions and a platform concept for tailored automation solution at three levels:

- **Valve:** PROFOX is available as multi-turn, part-turn or linear actuator, wide performance range with just a few sizes
- **DCS:** PROFOX masters a large variety of communication technologies and supports easy integration
- **Future-proof:** PROFOX is optimally prepared to face the challenges of the Industrial Internet of Things (IIoT). Firmware upgrades allow adaptations to future requirements.

Every PROFOX has a large, centrally placed LED: The FOX-EYE. It provides clear information about the actuator and valve status that is visible from afar. The display scheme of the FOX-EYE can be configured by the user as required.

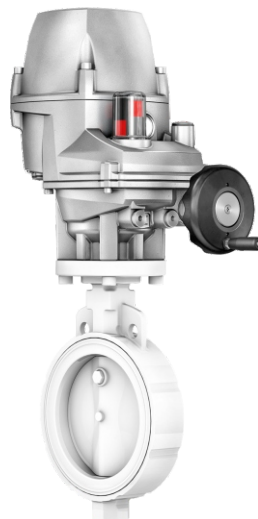
Versions of PROFOX for different valve type:

PROFOX M - Multi-turn actuators



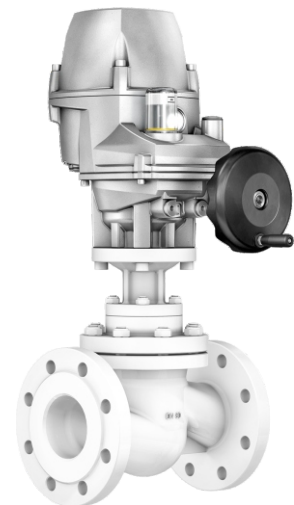
- Rotary drive version
- Torques between 10Nm - 100Nm
- Output speeds from 0.5 to 14 rpm
- Open-close and regulating duty

PROFOX Q - Part-turn actuators



- Swivel drive version
- Torques between 32Nm to 600Nm
- Operating time dependent on the size, adjustable in 9 steps
- Open-close and regulating duty

PROFOX L - Linear actuators



- Linear drive version
- Operating forces between 6kN - 15kN
- Under development

Visit www.profox.auma.com for more information.

Customer Service Training Programs

AUMA India organizes customer training programs for its end-users, valve makers, EPCs as per the schedule released at the beginning of the year. This year due to the onset of novel Corona virus pandemic, classroom training had taken a back seat. However, AUMA had utilized this time in collaborating with its customers and offered online customer training sessions based on their requirement on AUMA actuators and gearboxes.

Further, AUMA India will be conducting the online training session as scheduled in October this year.

Participants of online training sessions

Customer	Month	No. of Participants	No. of Hours
HPCL MUMBAI	Apr	69	6
RSPL Limited, Gujarat	Jun	39	2
FORBES MARSHALL ARCA PVT LIMITED PUNE	Jun	32	3
KSB PUMS LIMITED COIMBATORE	Jun	26	4

Training Schedule

Cycle No	Start Date	End date
2 (online training program)	08-10-2020	10-10-2020
3	21-01-2021	23-01-2021

Congratulations to Mr Deepak TJ on 25th work anniversary @ AUMA India



“Congratulations on achieving this career milestone with us! We applaud the determination and effort you have demonstrated during your time with us. We look forward to seeing all of the great things we know you will accomplish in the upcoming years!”

AUMA Family

AUMA CSR

During the COVID-19 pandemic AUMA India had donated 1800 sanitizers to Peenya Police department to thank and support them in this difficult times.



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