



Auma India bags orders to supply actuators for NTPC's 3x800 MW Patratu expansion project

Auma India is to supply more than 400 nos. actuators and gearboxes for the phase 1 of 3x800 MW Patratu expansion project in Jharkhand.

The expansion project is being developed by Patratu Vidyut Utpadan Nigam (PVUNL), a joint venture company of NTPC and Jharkhand state electricity board. This project will expand the capacity of the existing power plant by 4000 MW over two phases with 3x800 MW in phase 1 followed by 2x800 MW in phase 2. A significant portion of the electricity produced from the Patratu super thermal power project will be supplied to the state grid of Jharkhand to ensure sustainable development of the state in compliance with the latest national standards.



PC: economicetimes.iniatimes.com

Auma India bags an order to supply actuators for Prayagraj Smart City Project

Auma India has bagged an order to supply 325 nos. weather-proof actuators and bevel gearboxes for the implementation of intelligent water distribution management system in Prayagraj under the Prayagraj Smart City Project. These actuators are with intelligent integral controls suitable for MODBUS communication.

Under this project, the entire new system (water treatment plants, OHT-overhead tanks and bore well stations) will be connected to a central monitoring station to enable efficient distribution of water. This project will make the complete water storage and supply system more efficient by cutting down water wastage, ensuring better planning and efficient handling of available stocks of water.



Industrial wastewater treatment plant at Surat

Auma India has recently bagged the order to supply wall-mountable single phase weather-proof actuators with MODBUS feature for the industrial wastewater treatment plant at Surat.

Gujarat Enviro Protection Pvt. Ltd (GEPIL) is setting up a Common Effluent Treatment Plant (CETP) at an Industrial park located in Surat, housing a number of Dying and Printing manufacturing industries. The CETP will treat the wastewater discharge from these industries and recycled water will be again supplied to the industries in the industrial park for reuse.

Auma India actuators will be installed at the inlet and outlet of the wastewater of the CETP system.

TG Halli reservoir rejuvenation and drinking water supply project, Bangalore

Auma India supplies weather-proof actuators and worm gearboxes for TG Halli reservoir rejuvenation & drinking water supply project at Bangalore.

TG Halli reservoir is located at the confluence of the Arkavathy and Kumudavathi rivers, 35 kilometers west of Bangalore. It is used by the Bangalore Water Supply and Sewerage Board as a major source of drinking water for western Bangalore. The project's completion will allow BWSSB to pump 110 MLD water to western Bangalore.

Terminal Automation System for Nayara Energy at Pali, Rajasthan

Auma India has supplied explosion-proof actuators and Auma India Master Station (AIMS) for the Terminal Automation System of Nayara Energy at Pali, Rajasthan.

All the actuators are MODBUS enabled and will be integrated to the DCS using Auma India Master Station with Dual HMI, redundant power supply, redundant network TCP/IP and HOT standby Master version. Up to 240 nos. of actuators can be connected to the master station in each loop.

ISO 45001:2018 certification for Occupational Health and Safety Management Systems

Auma India has always been committed to environmental protection, prevention of pollution and providing safe & healthy working condition and has EHS - Environmental, Occupational Health and Safety policy in place. However, the need was felt to have a formal system in place to improve the OH&S performance by becoming an ISO 45001:2018 certified company.

Recently, Auma India has successfully completed the final audit of the ISO 45001:2018 certification process and has been recommended for the certification by TUV Nord.

Auma extends the part-turn actuator range with in-built variable frequency drive technology for potentially explosive atmospheres SQVEx.2 / SQRVEx.2

Auma had introduced actuators SAV.2 & SQV.2 with in-built variable frequency drive technology few years back. The multi-turn SAV.2 / SARV.2 actuators were available in both weather-proof and explosion-proof versions whereas part-turn SQV.2 / SQRV.2 actuators were available only in weather-proof version. Recently, Auma has extended the use of this technology in the SQVEx.2 / SQRVEx.2 range part-turn actuators suitable for potentially explosive atmospheres based on the success & proven track record of VFD technology in the available actuators. Variable speed offers several significant advantages for any change of valve position, where optimum interim operating time can be adjusted. To optimize this capability, new functions have been integrated into AUMA ACVExC actuator controls.

The new part-turn actuator provides new options for plant operators within the oil and gas industry. Due to the higher position accuracy, a significantly improved modulating behavior is now possible. A parametrisable operating time profile avoids pressure surges resulting in reduced wear of valves with maintenance at regular intervals.

The new part-turn actuators are sized for duty types according to EN ISO 22152.

- SQVEx: - Classes A and B open-close duty (S2 - 15min)
- SQRVEx: - Class C: Modulating duty (S4 - 25%)

New features & advantages of SQVEx.2 & SQRVEx.2:

- Valve protection by soft start and stop
- High positioning accuracy for modulating actuators
- Avoiding pressure surge by an operating time profile
- EMERGENCY behavior and safety behavior with separate specified operating times
- Technical advantages of the integral frequency converter
- Large operating time range offers further options for process optimization
- Incoming control commands – as an option binary, analogue or via fieldbus
- All static and dynamic data are available via fieldbus at any time
- Wall bracket operation (actuator controls and actuator are separated) is possible with a distance of up to 16 m.



Training Program

Online Training Program

Auma India had organized online training programs on product & design features, maintenance & troubleshooting of products for the customers Jindal Power Ltd, KSB Pumps Ltd - Valves Division and Thermax Ltd.

Onsite Training Program

Auma India had participated in the onsite training program organized by Indira Damper Industries to illustrate the installation guidelines & damper calibration through actuators, troubleshooting of actuator problems & various calibrations etc.

Training Schedule for the online product training - FY 2021-22

Cycle No	Start Date (DD/MM/YYYY)	Time
Fourth Cycle	07-01-2022	14.00 - 17:30 Hrs

Customers can register on Auma India website www.auma.co.in for the online training programs.

AUMA CSR

Auma India supports Temporary Shelter Home – “Swadhar Greha” project of Mahila Dakshata Samiti

Mahila Dakshata Samiti's Temporary Shelter Home – “Swadhar Greha” caters to the critical needs of food, shelter, clothing, legal aid, counseling, education, holistic learning, training for rehabilitation and medical care of women and children in distress who are in moral or social danger and no place to go. To rehabilitate women's, it offers education, skill up-gradation training and other vocational training according to their area of interest.

Auma India got associated with Mahila Dakshata Samiti Trust to facilitate the project of “Swadhar Greha” supporting underprivileged distressed women and children.



Handing over of cheque by Mr. Murali JP, Auma India to the core members of Mahila Dakshata Samiti

The Leader in the field of Electric Actuation Products

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Auma India Pvt Ltd

Head Office & Works

PlotNo.:38A&39B,IIPhase,
Peenya Industrial Area,
Bengaluru-560058.

Contact

Phone:080-30412222
Fax:080-28392809
E-mail:info@uma.co.in

Branch Offices:

NOIDA:0120-4272851-54
PUNE:+91 9763728621
CHENNAI:044-26269795

Residential Reps:

KOLKATA:+91 9937431333
HYDERABAD:+91 9342694012
AHMEDABAD:+91 9662660886