

1240 MW Kota Super Thermal Power Station, Rajasthan

Auma India has supplied and commissioned a large number of actuators for Unit 6 and Unit 7 of Kota Super Thermal Power Station. Auma India has executed these orders along with various damper and valve manufacturers.

Kota Super Thermal Power Station is Rajasthan's first major coal-fired power plant and is reckoned as one of the most efficient and prestigious power station of the country.



Nagapathi Hegde

Message from the Vice President - SCM & Lean

We at Auma India have taken first step to implement world-class production systems in line with Auma Germany, where they have already implemented a similar concept for lean manufacturing system.

Lean implementation will help us to enhance manufacturing and supply chain efficiencies, eliminate waste, enhance flexibility towards customer changes, improve flow & rhythm and on-time delivery, thus synchronizing the entire value stream.

ONGC Off-shore RS12 Unmanned Platform, Mumbai

Auma India has successfully accomplished the off-shore site replacement activity of three old multi-port valve actuators at ONGC RS12 unmanned platform. Auma has replaced the old actuators with Auma Germany-make AUMATIC explosion-proof actuators and established remote communication facility for giving commands and checking feedback.



Auma India Supplies Products to Chinese Power Plant Equipment Manufacturers

Auma India is supplying large quantities of actuators and gearboxes to virtually all Chinese power plant equipment manufacturers for projects being executed by them in India. Use of Auma India products helps equipment suppliers as well as end-users to have hassle-free commissioning and service support thereafter. Some of the recent projects are:

- Essar Mahan and Salaya Power Projects
- Indian Metal and Ferro Alloys Power Project
- Meenakshi Power Project
- Adani Power Project



Use of Auma Products for Development / Validation of New Products

Recently, Kirloskar Brothers Limited has developed a butterfly valve of 3600 mm diameter (internally ebonite lined) for sea water application. The valve was tested for endurance by using Auma actuator and gearbox.

* We request valve and damper manufacturers to provide information regarding their new products and achievements, which are used along with Auma products for publishing in "Infomation".



An Additional Paint Booth Procured under Auma India's Expansion Plan

Auma India has procured an energy efficient "Intelligent" Paint Shop with IR Heating System and Motorized Conveyor adding to the existing painting capacity. Auma India has opted for the customized features in the IR Heating System such as flash-off zone, forced cooling zone and programmable control scheme with touch screen & time-IR intensity based recipes to improve the quality of product finish with high controllability and control accuracy.



Small Things, Does It Matter???

Yes indeed-*Small things do matter in life as well as in industry.*

Everyone knows that the primary function of actuators or valve gearboxes is to deliver torque to the driven mechanism along with end position sensing & enclosure standards.

Is that all one require in the electric actuators and valve gearboxes or are there things which can add value for the smooth operation and long life of the electric actuator and valve gearboxes!!!

In case of electric actuator and gearboxes, can we consider the following?

- ✓Automatic reset type thermal switches for all the three phases of the motor winding to give a better protection to the motors.
- ✓Plug-in connection to the customer interface, so that during over-hauling disconnecting and re-connecting the wires are not necessary.
- ✓Plug-in connection with modular design for coupling the control unit (Integral starter) with the main actuator for less down-time incase of replacement. This will help in modernizing with the upgraded control unit (Integral starter) at future date with ease.
- ✓All external fasteners to be in stainless steel material to avoid corrosion at sites over a period of time.
- ✓All actuator components (gearboxes also) to be machined in CNC machining centers to ensure easy replaceability and inter-changeability of parts.
- ✓The actuator parts to be powder coated before application of final coat of paint, thus ensuring better environmental protection for longer periods.
- ✓100% leak test by a pressure creating apparatus to ensure enclosure standards of actuators (gearboxes also).
- ✓The actuator cable glands threaded holes to be plugged with metallic plugs and o-rings to ensure protection against water ingress during long storage conditions.
- ✓Stainless steel flap and the plunger for limit and torque switches for better corrosion protection.
- ✓The worm & worm wheel of the gearboxes are to be nitrided to offer high resistance to wear thus ensuring long life.
- ✓The actuators and gearboxes are filled with special grease that will last long, making the product suitable for any positional mounting.
- ✓The gearbox to have a separate removable coupling to ensure proper orientation of the gearboxes for mounting on to the valve.
- ✓Environment friendly tri-wall packing.

Yes, indeed small things do matter. Auma actuators and gearboxes have all these above features and facilities to add value to the functioning of Auma products at customer place for long time.



Customer Training Programme

A 3-day training programme was conducted by Auma India at Bangalore on 7th to 9th April, which was attended by representatives of various customers and end-users. Training programme included both theoretical and practical training sessions and was tailored to suit the profile of the attendees.



Upcoming Customer Training Programmes

TRAINING START DATE	TRAINING END DATE
21-07-2011	23-07-2011
20-10-2011	22-10-2011
10-01-2012	12-01-2012

For more details

Contact : Mr. Krishnamurthy Umesh, VP – Spares & Services

Phone : 080 - 39280002

Visit : [www.auma.co.in/service/customer training](http://www.auma.co.in/service/customer%20training)

Download the customer training enrollment form and send it to service@uma.co.in.



Auma's New Look under the Ongoing Expansion Plan



Inauguration of the new Design & Development and Services Departments building by Mr. Matthias Dinse, Chairman, Auma India & Managing Director, Auma Riester GmbH & Co. KG.



Auma India Pvt. Ltd.

Head Office and Works

39- B, II Phase, Peenya Industrial Area, Bangalore 560 058
Ph: 080 - 2839 4656 / 2837 0781
E-mail: info@uma.co.in Website: www.uma.co.in

Branch Office

712, 713, Bldg. No. 1 "Siddharth Towers", Kothrud Pune 411 038
Ph: 020 - 2541 0465
E-mail: aumapune@uma.co.in

1310, Tower A, Corenthum Complex, Sector 62, Noida - 201 301
Ph: 0120 - 3060522
E-mail: aumandl@uma.co.in

auma®
Solutions for a world in motion

For feedback & extra copies, mail us at sandhya@uma.co.in

Editorial Team: Sandhya Sengar
Balachandra MN.
Sridhar R.
Vinayaka Deshpande
Krishnamurthy Umesh