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## Visakha Dispatch Station – Marketing Storage Facilities, Visakhapatnam

A marketing storage facility at Visakha Dispatch Station, Visakhapatnam is being setup for receipt, storage and dispatch of products via tank truck, tank wagon and shipping. In the first phase terminal for Black Oil is under commissioning, which is expected to be completed by later this year and in the second phase, terminal for White Oil would be commissioned by the end of next year.

Auma India has supplied explosion-proof actuators with serial communication MODBUS protocol (Open protocol between Master Station to host controller & field participants) along with Master Station for the automation of Black Oil Terminal. Auma has also offered an option to provide a separate additional local push button station for the actuators meant for Dyke area to meet newly stipulated for safety and regulatory requirements.



Krishnamurthy Umesh

## Message from the Head- Services

Auma India is one of the service hubs of Auma group and offer after-sales service for all Auma group products for the life of the equipment. The product support packages include Supervision of Commissioning, Breakdown Services during warranty, Annual Maintenance Contracts (AMC), Overhauling Contracts and quick & efficient Spare Parts Support.

Auma also strives continuously to train customers on a full-fledged Product Training programme held every quarter at our works, helping customers by imparting effective knowledge of the product functioning and troubleshooting.

## SWRO Samui Project, Samui Island in Surajthani Province, Thailand

Auma India actuators have been used in Pumping Station for Low pressure & High pressure application in SWRO Samui project at Samui Island, Surajthani Province, Thailand.



## Auma India Products Selected for Use in Essar Power Mahan & Salaya Projects

Auma actuators and gearboxes have been selected for use in the equipment being supplied by the Chinese contractors to Essar Power for the coal-based Mahan Thermal Power Plant at Sidhi & coal-based Salaya Power Plant at Jamnagar. Auma India is supplying these actuators and gear-boxes for fitting in the Chinese equipment.

## Indian Strategic Petroleum Reserves Limited (ISPRL) Project, Visakhapatnam

Auma India has bagged the prestigious order from Indian Strategic Petroleum Reserves Limited (ISPRL) for the supply of AUMATIC, 2-wire MODBUS actuators with redundant Master Station and Marshalling Cabinet along with Bevel gearboxes.

ISPRL is a special purpose vehicle owned by Oil Industry Development Board (OIDB) responsible for setting up 1.33 million tons of strategic crude oil storage capacity at Visakhapatnam. This reserve would be developed underground rock caverns (which is considered as the safest means of storing hydrocarbons) near coast so that it is readily accessible to the refining sector.

## Up-gradation of the Quality Management System

The quality management system of Auma India has been up-graded in accordance to the revised DIN EN ISO 9001:2008 standard. Auma India has been an ISO 9000 certified company since 1995.

CERTIFICATE **TUV NORD**

Management system as per  
**DIN EN ISO 9001 : 2008**

In accordance with TÜV NORD CERT procedures, it is hereby certified that

**AUMA (INDIA) PVT. LTD.**  
Plot No. 39-B, II Phase,  
Peenya Industrial Area,  
Bangalore - 560 058,  
Karnataka, India

**auma®**

applies a management system in line with the above standard for the following scope

**Design, Development, Manufacture, Sales and Service of Electric Actuators, Gear Boxes and Components for Valve Automation as well as General Actuation**

Certificate Registration No. 44 100 950262-E3  
Audit Report No. 2.5-0295/1995

Valid until 05.05.2011  
initial certification 1995

*SK Kulkarni*

Certification Body  
at TÜV NORD CERT GmbH

Mumbai: 29.06.2010

This certification was conducted in accordance with the TÜV NORD CERT auditing and certification procedures and is subject to regular surveillance audits.  
TÜV NORD CERT GmbH Langemarkstrasse 20 45141 Essen [www.tuv-nord-cert.com](http://www.tuv-nord-cert.com)



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## Auma India Enhances its Machining Capacity

Auma India has recently commissioned a new Makino high precision Horizontal Machining Center **a81**, adding to the existing 3 other Makino HMCs. An order for Liebherr LC380 high speed CNC Gear Hobbing Machine has been placed recently, to increase manufacturing capacity and improve product quality. These machines are being procured as a part of ₹40 crore expansion plan to double the capacity.



## Valve Automation as a Single Source Solution

Today, process automation requires dual knowledge: On one hand, special knowledge to allow development and manufacture of individual components with clearly defined interfaces towards the connected hardware and on the other hand comprehensive knowledge to understand the process requirements and to conceive a fully operational automation architecture.

Auma India has the expertise to manufacture actuators; furthermore, Auma knows how to integrate actuators into an automation environment. For this, the AIMS Master Station (Auma India Master Station) is a significant part and performs various functions such as:

- **AIMS as commissioning support system**

An actuator network connected to the AIMS Master Station can be commissioned autonomously from the DCS. Device and communication parameter settings can be performed and tested prior to the AIMS network taking up the communication with the DCS.

- **AIMS as network manager**

The AIMS organises the communication with the field devices. The control unit supervises the connection to the signal paths, available as redundant systems, and automatically switches to the secondary channel if required.

- **AIMS as data concentrator**

In comparison to the past, modern process automation systems produce a multitude of feedback signals. It is essential to make good use of this information. Upon request, all required data regarding the actuators connected is accessible via the AIMS; it exclusively transmits the signals to the DCS, necessary for orderly operation. This way, the DCS and the users have less involvement.

- **AIMS as diagnostic tool**

Detailed diagnostic and fault signals regarding the actuators connected are accessible via AIMS. In case of failure, the cause can be quickly identified.

AIMS works with open fieldbus protocols such as Modbus RTU. For this reason, the system is available to other fieldbus systems and consequently non-proprietary. AIMS is based on easy GUI based interface. Operation corresponds to the commonly known patterns.

Thus, the AIMS Master Station has a modular design and can be adapted to most conditions whilst using an identical user interface. In addition to the simple line topology, a multitude of structures are possible.



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## Auma Annual Challenge 2010

To encourage young minds in the field of Instrumentation Engineering at undergraduate level, Auma India had taken the initiative "Auma Annual Challenge 2010" to award the best 3 projects done by the students as a part of their curriculum. Auma India has immense pleasure in announcing the results of the competition, judged by the eminent jury members Prof. Rajanna K., Professor & Chairman, Instrumentation Dept., IISc and Dr. Dinesh NS, Associate Professor, Center for Electronics Design & Technology, IISc and congratulate the winning students.

**First Prize(₹50000) - College of Engineering, Pune**

**Second Prize(₹30000) - Amrita School of Engineering, Coimbatore**

**Third Prize(₹20000) - Siddaganga Institute of Technology, Tumkur**

Auma India is again inviting all the colleges to participate in **Auma Annual Challenge 2011**- Best project award in the field of Instrumentation Engineering for the Final Year students of 2010-11.

## Customer Training Program

22<sup>nd</sup> to 24<sup>th</sup> July 2010

A 3-day training program was conducted by Auma India, which was attended by a number of customers and end-users such as BHEL-Ranipet, Oil India-Guwahati, Panipat Thermal Power Station-Panipat, NTPC-SAIL Power Co. Ltd.-Bhilai, NTPC-Khalgaon, Vedanta Aluminum-Lanjigarh, Tyco Valves-Gujarat, Dembla Valves-Bhiwandi, Chamundeswari Sugars-Maddur, BSES-Kerala, TLT-Kolkata, Torrent Power-Ahmedabad, Anjani Port Land Cement-Visakhapatnam, Walchandernagar Industries-Pune, HPGCL-Yanunanagar and CPCL-Chennai.



**August 2010** - Mr. Wolfgang Ranft, International Sales Manager, Auma Germany made a technical presentation on Auma FIELDBUS systems at BHEL PMC, Noida.

## Upcoming Customer Training Program

21<sup>st</sup> to 23<sup>rd</sup> October 2010 & 20<sup>th</sup> to 22<sup>nd</sup> January 2011

For more details

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Download the customer-training enrollment form and send it to us at [service@uma.co.in](mailto:service@uma.co.in).

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