

# Ramdas Atmaram Wani

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***A principal consultant and Auditor in Integrated Management Systems ( QMS, EMS OHSAS and Energy Management), Environment Safety and Energy.***

## Professional Summary

- ✓ A Post Graduate Chemical Engineer from IIT, Mumbai with over 38 years of experience in project management, plant operations, Implementation of Management Systems in Petrochemical /Chemical Industry. Auditor for QMS/EMS/OHSAS/Safety and Energy. More than 10 years experience in consultancy EIA, Energy , safety and Management systems.
- ✓ Extensive experience in handling entire project activities including planning, scheduling, monitoring progress and implementation
- ✓ A keen strategist and planner with skills in conceptualizing and effecting process initiatives to enhance plant efficiency and productivity.
- ✓ Adept at handling entire plant operation ensuring adherence to quality, safety and cost control norms
- ✓ Independently handling implementation of IMS (EMS, QMS, OHSAS) in the Large Petrochemical Complex for all the plants and departments in Gandhar complex
- ✓ Lead auditor for ISO:9001:2015, ISO:14001:2015, ISO:50001:2011, & OHSAS 18001:2007
- ✓ A registered auditor for Environmental Management Systems, Quality Management Systems and Occupational Health & Safety Management Systems With IRCA (U. K.),. Carried out more than 80 Audits from 2005 to 2008.
- ✓ A Certified Energy Auditor by BEE ( Bureau of Energy Efficiency , Govt. of India ) and carried out more than 30 energy audits in last four years, (Walkthrough & detailed ). Also Registered Energy Auditor with GEDA, Gujarat Energy Development Agency
- ✓ A certified EIA coordinator by CEPT university, Ahmadabad
- ✓ NABET-QCI approved functional area expert (FAE) in risk & hazard(RH)and Solid & Hazardous Waste (SHW) for EIA projects.
- ✓ NABET Approved EIA coordinator for large construction projects ( Sector -38 ) and chemical process Industries ( Sector-21)
- ✓ Was an Associate of HELPS, was working as third party safety Auditor and member of Hazop study group.
- ✓ Worked as a General Manager (ISO, EIA and Energy) in Kadam Environmental Consultants for five years from 2007 to 2012
- ✓ Prepared the SHE documents and Procedures as per SABIC guidelines for IBN-Zahr Petrochemical Co. Saudi Arabia.
- ✓ Completed risk based production Audit for Salalah Methanol company in Oman .
- ✓ An effective communicator & leader with strong analytical, problem solving & organizational abilities.

## Organisational Experience

**Since May'1973 with Indian Petrochemicals Corporation Ltd. Left IPCL(now RIL) on 1st April 2005 as General Manager-Technology. Then Joined Kadam Environmental consultants firm from January-06 as Chief Consultancy (Environment, Safety and Energy Audits) and left in July-12. Presently working as free lance Energy EHS and Management systems (ISO) consultant and trainer .**

### *Career Path*

- Joined as Graduate Engineer Trainee, in IPCL Jun'1973
- Promoted as Engineer, Jun'1975
- Promoted as Senior Engineer (Process), Dec'1979
- Transferred as Senior Engineer (Operations Control), 1982

- Promoted as Deputy Manager (Plant Projects-DMT expansion), Aug'1984
- Promoted as Manager (Carbon Fibre), Jan'1989
- Transferred as Manager (higher-grade) (Caustic- Chlorine Plant), 1995
- Promoted as Senior Manager (Caustic- Chlorine Plant), 1999
- Transferred as Senior Manager (Technology) & MR for IMS systems , Jul'2002
- Promoted as General Manager (Technology), Jul'2003
- Retired (Voluntary) from IPCL in March 2005 after getting IMS certificate for Dahej complex of RIL.
- A free lance Management system Auditor, Third party Safety Auditor and Consultant for Management systems from April 2005 to December -2006
- Worked as Principal consultant & Chief (EIA, energy & Mngt. Systems) Consultancy at Kadam Environmental Consultant. Vadodara..
- Nominated as FAE (Functional Area Expert) for RH (Risk and Hazard)& SHW ( Solid and Hazardous waste) BY QCI & NABET for MoEF for EIA projects from June 2010.
- Presently working as free lance consultant for energy audits, Management system (QMS, EMS, OHSAS & EnMS), EHS safety and EIA consultancy & Training since June 2012.
- Empanelled FAE & consultant with, R.K. Consultants, Jodhpur, Indomer Coastal Hydraulics, Chennai, Wolkem Consultancy services and Aplinka solutions Noida. Authorized Energy Auditor with GEDA, Gujarat Energy Development Agency.

### Significant Achievements

- ✓ Completed more than 70 ISO, Safety, Environment and Quality Audits, for various Industries like Oil & Gas, Chemical, Dairy, Engineering and Fertiliser. Completed 12 specialised safety and electrical safety audits, Hazop studies, risk analysis and two due diligence EHS Audits are also completed.
- ✓ Implementation of ISO 14001 system for large steel Manufacturing company, and preparation of Legal compliance register under ISO 14001/ OHSAS18001. Also completed in-house Implementation of OHSAS 18001 System at KEC in May-12
- ✓ Completed 8 major Energy Audit Assignments and 25 Minor Energy audit assignments as a team leader
- ✓ Acted as a consultant to Crompton Greaves to establish their OHSAS system and survey was conducted to identify hazard and risks in their light sources division.
- ✓ Conducted more than 70 numbers of training programs on QMS, EMS, OHSAS & EnMS Systems (Internal Audits and awareness) and energy audits.
- ✓ Completed the EHS Assignment on construction safety for Chemie Tech LLC Yemen.
- ✓ Completed EHS Implementation project for a Compressed gas Manufacturing company ( RIGC) in Abu Dhabi/Dubai.
- ✓ Successfully Implemented IMS (QMS & EMS) for a UK based MNC having a Textile/ Carpet unit in Pune.
- ✓ Acted As consultant to National fertiliser Guna for Converting Separate QMS, EMS and OHSAS Systems into Integrated Management System (IMS) Executed IMS Internal Audits
- ✓ A Visiting professor and external examiner for Chemical Engg. Dept. M. S. University, Baroda for Environmental Pollution Control Engineering for 2 years in 2006 and 2007.
- ✓ I had taken up a special assignment at IBN-Zahr Saudi Arabia, for preparation of SHEM documentation as per SABIC guidelines.
- ✓ Associated as team member for EIA assignments for chemical, oil & gas and petrochemical projects. I was member of EIA teams as an FAE risk and Hazard.
- ✓ Completed two IMS (including EnMS) consultancy assignments. For a pesticide unit in Dahej and two big power plants in Gujarat ( Lignite based & gas based).
- ✓ Help extended to Ruwais Fertilizer Abudhabi for training in EnMS and preparation of EnMS manual and EnMS Procedure manual.

- ✓ Completed Energy Management System Consultancy (ISO 50001:2011) assignments for a three Pharma unit near Pune (Cipla), Dal food industries, Khartoum Sudan, consisting of three plants wheat grinding mills, Dairy and soft drink plant (Coco-Cola). Recently Completed the assignment for GSFC Ltd. Baroda for revising their ISO 50001:2015 documents.
- ✓ Associated for preparation of EIA report for the proposed Wheat flour mill by Dal food Industries at Port Sudan. Through ICQ Consultants.
- ✓ Completed the risk based production and process audit for a Methanol plant in Salalah Oman.
- ✓ Presently working on the EIA projects of Ennore port for their expansion, and Ceramic Industrial estate project of Rajasthan Industrial Investment Corp.

## **Key Result Areas**

### **Systems Implementation**

- Handling the implementation of Integrated Management System (IMS) consisting of QMS, EMS, OHSAS and EnMS; including training of officers in IMS System awareness and Internal Audit.
- Conducting gap analysis, assess scope of studies & suggest solutions
- Using IMS for initiating and controlling quality/safety/energy performance Improvement processes in the organisation
- Conducting Thermal and Electrical Energy audits and suggesting energy saving schemes with financial benefits and payback period.

### **Project Engineering (IPCL)**

- Overall planning, scheduling and management of modernization & capacity expansion projects, ensuring completion of assignments within time and budgetary parameters
- Actively involved in planning for materials, developing vendors to obtain timely procurement of materials and directing engineers for effective control of caustic chlorine process to facilitate smooth and safe production
- Responsible for preparing engineering designs / drawings, proposals / quotations and carrying out techno- economical studies for plant improvements
- Monitoring projects with respect to Cost, Resource Deployment, Time over-runs, Quality Compliance and Manpower planning to ensure timely execution of projects

### **Project Erection/Commissioning ( IPCL)**

- Preparing layouts for the project as per the process and material flow needs
- Foreseeing performance bottlenecks & taking corrective measures
- Site preparations, mobilization of contractors for carrying out precommissioning activities.
- Ensuring effective site management & discipline to ensure safe execution of projects.
- Erection, commissioning of equipments, providing utility services to the equipments.
- Commissioning/Precommissioning of Continues Process plants (Chlorine-Caustic Soda, DMT Expansion, Carbon Fibre, Naphtha cracker).

### **Plant Operations ( IPCL)**

- Overseeing production related tasks including planning, control and trouble shooting.
- Setting up production targets and achieve the same within time and cost parameters.
- Optimising man, machine & Material utilisation to achieve pre set production targets.
- Developing new process concepts for production optimization, yield improvement and develop guidelines for the sequencing of manufacturing activities on the shop floor.

### **Quality Control**

- Ensuring adherence to quality standards (ISO) & maintaining all related documents.
- Implementing latest quality tools (like SQC and Six Sigma) and executing process enhancement projects.
- Identifying areas of quality failures and take steps to rectify the system.

## **Achievements**

- Completed the Implementation of Integrated Management System ISO 9001 and ISO 14001 for a Liquefied gas company Abu Dhabi, M/s. Brinton's Carpet, a MNC company Pune, National Fertilizer Guna and Crompton Light division Baroda.
- Independently handling the implementation of IMS in all plants at RIL Gandhar complex
- Completed more than 30 energy audit projects (8 detailed and 25 walkthrough energy audits)
- Gained exposure in Xylenes and DMT plant operations and Naphtha Cracker project commissioning.
- Involved as executive assistant to DGM for operation of waste water treatment and utilities such as cooling water, chilled water, boiler/steam generation, Instrument/plant air.
- Successfully completed the Lead Auditor course for Quality Management ISO 9001:2000 (BSI), occupational Health and Safety OHSAS 18001:1999 (DNV), Environmental Management, ISO 14001:2004
- Completed the Lead Auditor course of Energy Management System ISO 50001:2011, from BSI, in 2012
- Successfully handled implementation, precommissioning and commissioning of:
  - Hydrocarbon Storage Tanks in PTD
  - DMT phase-1 expansion project
  - Carbon Fibre project
  - 420 T/day Caustic Chlorine plant project
- successfully handled power & steam shortages for the entire complex as incharge of Operations Control group
- Substantial contribution for the development of carbon fibre suitable for defence grade In Carbon Fibre Plant
- Formulated and implemented schemes to save the energy in Chlor Alkali Plant
- Developed an Integrated Management System documentation in electronic form as a Management representative of IMS for entire Gandhar complex
- I was auditor on panel with ICL Moody, TCS, IRQS, SGS and carried out more than 75 certification/Surveillance audits.
  
- **Commenced career with Tradeweld as Product Design and Development Engineer from 1972-1973**

## **Education**

- 1972 M.Tech (Chemical) from Indian Institute of Technology, Bombay  
1970 BE from Regional Engineering College, Durgapur, secured 79%

## **Professional Affiliations**

- Life Member of Institute of Chemical Engineers Membership No. LM - 16884
- Chartered Engineer and Fellow of The Institution of Engineers (India), membership No. : - F- 111225/9
- A certified Energy Auditor By BEE (Membership No. EA-2301) and lead Auditor for Energy management System (ISO 50001:2011)
- Member of Institute of Energy auditors and energy manager. (IAMP)
- Approved Functional Area Expert (FAE) for Risk and Hazard (RH) & Solid and Hazardous Waste (SHW) for EIA projects. EIA Coordinator for large construction projects and chemical process industries Approved by NABET, QCI for MoEF.
- Completed EIA Certificate course conducted by CEPT University Ahmadabad. In April 2012.

### Overseas Visits

Visited various countries for assignment, business and training purposes such as U.K, France, Scotland, Germany, and Switzerland, Yemen, Saudi Arabia, Abu Dhabi, Sudan (Khartoum) & Oman (Salalah)

### Personal Details

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