

Uma Ulaganathan, Chemical & Electrochemical Engineering

Objective

To achieve business excellence through continued efforts in implementing and sustaining best and proven methods.

previous professional details :1

Previous Industry : Wheels India Ltd, Padi, Chennai
Role in Wheels India : Asst.Manager, Manufacturing unit, Speciality Wheels Division
Experience : 1 Year 6 Months (July'2012 – Jan 2014)
Total Experience : 5 Years 2 Months
Preferred location : Delhi NCR
Audit experience : 3 yrs as Internal auditor (Systems)

Previous professional details :2

Previous Industry : Sterlite Copper, Vedanta group, Tuticorin, Tamilnadu
Role in Sterlite : Primary role: Area In-charge - Process Control,
Incharge of DM water plant,
Internal auditor - ISO, OHSAS, QMS/IMS quality systems
Production planning (SAP R/3), 5S Coordinator
Experience : 3 Years and 8 Months

Summary

Worked as production Incharge, for Clear Coat painting section in Aluminium alloy wheels (Automotive parts) division in Wheels India, Padi ,Chennai .

Experienced in Erection and Commissioning of Automated Paint plant for Clear Coat application including pretreatment operation. Gained Project Management skills by successfully implementing a 20 Million INR project

Handled customer audits by SCANIA and VOLVO followed by their successful orders in automated paint plant.

Also handled customer complaints and audits, meeting their requirements of ISO 9001/ TS 16949 to gain and retain them with innovative technologies for Aluminium wheels division. Also taking care of EMS, TPM and 5S in my corresponding area and effectively handled the production with manpower management.

I have worked in Copper Electro-refinery as Process Control In-charge in Sterlite Copper, Tuticorin and handled production activities, as well as incharge of DM water plant, Production planning (SAP R/3), Material management, Ensuring HSE in place, Revising SOPs, also taken care of Management Assurance Systems such as Physical Verification and Metal Accounting.

I am a certified Lead Auditor for Quality Management System (ISO 9001:2008), Environmental Management System (ISO 14001:2004), OHSAS (18001:2007) and internal auditor for IMS by BUREAU VERITAS,

Key contributions in system implementation :

- Handled internal and external audits by DNV,RBNQA, and IMEA effectively,
- Analysis of Environmental Aspects and Occupational Risks.
- Identifying and documenting the compliance of legal Requirements related to Environment and Occupational Health& Safety.
- Reviewing Incidents/accidents and identifying root causes for its effective CAPA.
- Performing Quality checking for raw materials and analysing process parameters , product nonconformity and customer complaints conducting customer satisfaction surveys.

Also worked in implementation of Energy management system EnMS (ISO 50001:2011)

Skills and Accomplishments

Energy Conservation

Sep, 2009

Reduction of ancillary power consumption in Electro Refinery by 5 kWhr per

metric ton of fresh copper cathode produced

Quality improvement

Feb 2010-Nov 2010

Reduction of waste generation in copper refinery, to increase export % , which saves 50 lakhs/annum

Rework reduction

Sep 2012-Jan 2013

Reduced the rework rejections by 5 % and achieved zero customer complaint

Education

Degrees

*August 2004 – May
2008*

*Central Electrochemi-
cal Research Institute,
Karaikudi, Tamilnadu*

*B.Tech
(CGPA)*

8.38

April 2004

*State board of Tamil-
nadu, Gobichetti-
palayam*

XII

93.25 (%)

April 2002

*State board of Tamil-
nadu, Gobichetti-
palayam*

X

94.8 (%)

Project Details

| Division | Project Title | Project Guide (CECRI) |
|-------------------------|--|--|
| <i>Li ion Batteries</i> | <i>Conversion reaction in Li ion batteries *</i> | <i>Dr. N.G. Renganathan,</i> <i>HOD, Batteries Division</i> |
| <i>Electro Organic</i> | <i>Site directed nuclear bromination of aromatic</i> | <i>Dr. Anbukulandainathan</i> |
| <i>Synthesis</i> | <i>Compounds by an electrochemical method **</i> | <i>Electro-organics Division</i> |
| <i>Industrial Metal</i> | <i>A.C Anodizing of Aluminium using Sulphamic</i> | <i>Dr.S.John</i> |
| <i>Finishing</i> | <i>Acid and certain Additives</i> | <i>HOD, Industrial Metal</i> <i>Finishing</i> |

* Published in the scientific journal “**IONICS**” 15 May 2008

Published in the scientific journal “TETRAHEDRON LETTERS**” Vol 47, 2006.Pg No: 4581-4584

Certifications

Jun 7th - 9th, 2011 *Lead auditor course* *Bureau Veritas Certification, Tuticorin*
Certified LEAD AUDITOR in OHSAS(18001:2007) - Occupational health and safety
assessment series

Feb 21st -25th, 2011 *Leadauditor course* *Bureau veritas certification, Tuticorin*
Certified LEAD AUDITOR in Environmental management system (ISO :14001:2004)

Jan 21st -24th, 2007 *National Technical Symposium Anna University, Chennai*
Secured first place in Paper presentation titled “ELECTROCHEMICAL ALLYLATION
IN IONIC LIQUIDS” at CHEMFLUENCE’ 07

Nov 6 & 7, 2007 *National Convention of Electrochemist IGCAR, Kalpakkam*
Participated in Poster presentation titled “A.C ANODISING OF ALUMINIUM USING
SULPHAMIC ACID AND CERTAIN ADDITIVES”

May 15-22, 2006 *Numeric Electronics Private Limited* *Chennai*
Certified for INPLANT TRAINING on Manufacture of Uninterrupted Power Supply

Jan 1st, 2005 *National Scholarship Scheme* *Chennai*
Certified for recognition of high position secured in S.S.L.C Examination by THE DI-
RECTOR OF EDUCATION DEPARTMENT

Awards

- Selected as a key member for Chairman workshop with The **Chairman Mr.Anil Agarwal** of Vedanta groups (Sterlite Industries) held at Mumbai in Nov, 2011
- Awarded finalist award in **QIMPRO** convention by KPMG, Mumbai in Sep 11
- Awarded “ Merit award” in **INSSAN**(Indian National Suggestion Scheme’s Association) among various manufacturing sectors in Delhi, June ,2011

- Silver Medal in Athletics, Anna university Zonal meet,2008
- Rashtrapathi Award from **The President of India**, 2002
- Rajyapuraskar Award from **Governor of Tamilnadu** , 2001

Comments from Supervisors

Mr. Natarajan, Head-Central Quality Assurance, Wheels India Ltd, Chennai.

“A Perfect fact finder”

Mr.I. Rajasekar , GM- Manufacturing, Sterlite, Tuticorin.

“A most dedicated Person who work towards achieving the target with full efforts”

Personal Interests

- Interested towards sharing knowledge
- Interested in reading novels.

References

References available upon request.