**A.T. KUMARAVELU.**

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**Certified Lead auditor with 23+ years** of experience as **Production /Quality / Operations/Manufacturing Excellence /IMS Manager** in process industries like Float Glass, Patterned glass, PVD (Sputtering) glass coating, asbestos friction material and Aluminum foundry. Business process improvement, internal audit, External audit, Integrated Management systems documentation

**Certifications:**

♣ **Certified Lead Auditor** – **ISO 9001: 2015 (QMS); ISO 45001:2018 (OHSMS)** from **TUV Sud** South Asia Pvt Ltd (CQI-IRCA Certified)

TÜV SÜD Certificate No.: IN/14180/147472, IN/23113/240117

CQI UDN (Unique Delegate Number): 402584

**Career at a Glance:**

 Quality Manager AGC-Obeikan Glass LLC 8 years (July 2016-Till date)

(Systems &Manufacturing Excellence) (Coater plant)

Shift Manager- Production Saudi Guardian Intl Float glass 2.5 years (May 2013-Jan 2016)

 (Guardian Industries USA)

Shift Manager- Operations Saint-Gobain Glass India 3.5 years (Aug 2009-May 2013)

 (Float Line 1)

Shift Leader-Manufacturing Saint-Gobain Glass India 4 years (Feb 2006 - Jul 2009)

(Coater plant)

Senior Engineer-ProductionRane Brake Linings Limited 1 year 4 months (Sep 2004-Jan 2006)

Engineer – Production Ikeil Metals Pvt Limited 3 years (Jul 2001 –Aug 2004)

**Core Competencies:**

* Managed day- to-day operation of line overseeing three shifts of 60 personnel in Float Glass, Pattern and Mirror Production Encouraging, identifying and developing best practice strategy.
* Operated an automated Glass Coating line with lean management with using DCS control.
* Single point contact for top management to understand the QMS progress and implementation
* Understands the expectations of certification bodies/customer and communicates to the team
* Demonstrating the requirements of ISO standards and other legal requirement are met during the certification audit /surveillance audits
* Communicates quality standards and parameters to QA team, product development team, and other appropriate staff.
* Ensuring the organization adheres to all applicable laws and regulations, including health and safety, environmental protection, and consumer rights
* To control the system requirements in line with applicable ISO standards and to liaise with the governing body to ensure conformance
* Responsible for ensuring all product certification requirements are met
* Ensuring the production techniques are to the required standard to efficiently produce quality products
* Ensuring comprehensive risk assessments are in place for all activities with significant hazards and foreseeable risks
* Provide training on hazard identification and risk assessment as necessary
* Review risk assessments to ensure suitable and sufficient and adequate controls are in place
* Planning & scheduling of internal audits and inspections
* Provide training, guidance and advice as necessary to personnel involved with completion of audits/inspections
* Support and maintain the development of the existing management systems commensurate with ISO standards
* Maintain and develop appropriate procedures for the prevention of emergency situations and, in the event of emergencies, for the co-ordination of proportionate, effective response to emergency situations
* Conduct and coordinate regular routine testing of emergency provisions including fire extinguishers, fire alarm testing and similar
* Generating correct and prompt reporting of all accidents, incidents, injuries and near misses
* Assisting departmental managers in maintaining accurate register of all harmful/hazardous substances, ensuring assessments are conducted, available at point of use and understood by all
* Monitoring and recording noise, sewage disposal, emissions etc.,
* Ensuring environmental permit monitoring and reporting is submitted in line with permit requirements.
* Ability to plan, organize and manage multiple projects and set priorities.
* Implementing quality management and regulatory compliance strategies.
* Handled Manpower from 6 different Nations
* Implement and drive continuous improvement activities through implementation of change management process.
* Hiring and Training of New recruits of multi nationalities.
* Practices Lean Manufacturing concepts in all production process.
* Erection and commissioning of Green field project.
* Develops, implements, and manages processes to ensure that products meet required specifications for quality, function, and reliability prior to delivery.
* Identifies and sets appropriate quality standards and parameters for products.
* Participates in product testing.
* Identifies and analyzes issues, defects, and other problems, particularly when problems recur in multiple products; recommends and facilitates solutions to these issues.
* Reviews client, customer, and user feedback.

**Significant Achievements:**

* Commissioning of coater facilities.
* Improved the monthly Offline productivity from 3, 50,000 to 5, 00,000 Square Meters.
* Defect level reduced from 6 to 2.5 / 20 Sq. m.
* Reduced the packing cost from Rs. 550 to Rs 400 per tone
* Successfully Upgraded the coating production line capacity from 3 Meters/min to 6Meters/min
* Won Gold medal from Anna University for a QCC in 2007 for a project ‘Control of Debris in coater’.
* Conducted the production operations in an incident-free workplace, all the time, everywhere.
* Recorded a History in achieving the highest monthly production (3, 00,000 Sq.) in Coating of Glass.
* Reduced the Customer claims from 1200 ppm to less than 400 ppm

**Experience:**

**Current profile:**

Head-Quality& Manufacturing Excellence AGC-Obeikan Glass LLC (July 2016-Till date) **Company’s Profile**:

* AGC Glass Europe and Obeikan Glass formed a Strategic partnership serving ever increasing demand of high-performance coated Glass for construction sector in Middle East and Africa market
* Conglomerate Join forces bring out outstanding products of solar control, high performance and spectrally selective Glass by new state of art most technically advanced coater in Middle East and surrounding region.
* AGC Obeikan located in Yanbu, Royal commission industrial area at the west coast of Kingdom of Saudi Arabia.

**Job Profile**:

* Manage a team of Quality engineers and Quality specialists in the execution and quality of thin films materials at the plant
* Lead investigations to root cause and manage cross-functional teams in implementation of preventative/corrective or mitigation actions to ensure best in class quality
* Accountable to the business in maintaining Thin Films quality performance and drive continuous improvement
* Lead Plant quality culture, quality structure, process transfer, and activities from NPI (New Product Introduction) to SVM (small volume manufacturing) to HVM (high volume manufacturing)
* Implementing methods to inspect, test and evaluate products and production equipment
* Ensuring that products adhere to quality standards
* Training and managing production line staff in production practices and quality assessment of Finished goods
* Performing detailed and recorded inspections of final products so the products are up to industry and company standards
* Eliminating products that are not up to standards and finding the reasons for product problems
* Manage / supervise team of technicians and engineers.
* Use measured values to monitor KPIs to improve the current Quality Management System.
* Supervise and manage the Corrective Action Preventative Action program including all complaints, SCARs, NCMRs, audit findings, etc.
* Develop/ implement processes and procedures for cross-functional workflows to secure compliance to all regulatory requirements.
* Lead and oversee internal audit team.
* Administer and manage the supplier quality program.
* Customers Quality: Manage customer complaints and customer relations regarding quality.
* In depth understanding of quality control procedures and relevant legal standards.
* Designed, implemented, integrated and maintained QMS for all manufacturing processes.
* Conducted workshops, educating employees on their impact in the quality control process.
* Collaborated with engineers in the development of projects, ensuring all aspects of project met client needs and quality standards.
* Assessing customer requirements and ensuring that these are met
* Specifying quality requirements of raw glass
* Investigating and setting standards for quality
* Ensuring that manufacturing processes comply with standards at both national and international level
* Working with operating staff to establish procedures, standards, systems and procedures
* Writing management and technical reports and customers’ charters
* Determining training needs
* Acting as a catalyst for change and improvement in performance and quality
* Recording, analyzing and distributing statistical information
* Appointed as the lead contact for the certification of Cradle to Cradle certification, internal certification, regulatory and customer audits
* Led Lean Manufacturing project reducing packaging and shipping errors.
* Management Representative for the Integrated management System (QMS,EMS &OHS)
* Established quality training program and trained all employees on ISO 9001:2015 compliance and reporting procedures, monitoring successes and failures and providing remedial training when necessary.
* Investigated and analyzed failures, suggested corrective /preventative actions.
* Developed and maintained computer database tracking system to identify non-conformances

**Previous profile 1:**

Shift Manager -Operations Saudi Guardian Intl Float glass 2.5 years (May 2013-Jan2016)

 (Guardian Industries USA)

**Company’s Profile**:

Saudi Guardian International float Glass Company is 55% subsidiary of Guardian Industries USA, one of the leading float glass manufacturers in the world. It manufactures and markets solar control glass, fire resistant glass and other various types of float glasses .It is located in Al- Jubail, KSA.

**Job Profile**:

* Maintaining a clean, professional and safe working environment.
* Managing all aspects of business operations.
* Keeping an eye on the operational budget
* Participating in the recruitment and staff selection process
* Conducting annual performance reviews of all staff.
* Monitoring the production of base glasses for automotive, mirror and Coater to the customer’s specification.
* Maximization of production yields
* Co-ordination of special jobs in float like Spout change over,Tweel change over etc.,
* Specialized in planned start up and shutdown operation of float.
* Emergency handling in float line
* Training of new recruit and shift personnel
* Motivate teams to peak performance.
* Achieving World Class Manufacturing (WCM) targets.
* Trouble shooting and solving the production line problems
* Effective utilization and management all manpower

**Previous Profile 2:**

Shift Manager- Manufacturing Saint-Gobain Glass India 3.5 years (Aug 2009-Apr 2013)

 (Float Line 1)

**Company’s Profile**:

Saint-Gobain Glass India is a 100% subsidiary of Saint Gobain France, one of the leading float glass manufacturers in the world. It manufactures and markets solar control glass, fire resistant glass and other various types of float glasses in India from its World Glass Complex which is located at Sriperumbudur 40 km from Chennai.

**Job Profile**:

* Production of base glasses for automotive, mirror and Coater to the customer’s specification.
* Production of Online reflective glass by pyrolitic coating (CVD).
* Co-ordination of special jobs in float like Spout change over, Tweel change over etc.,
* Specialized in planned start up and shutdown operation of float.
* Emergency handling in float like Bottom block de-scaling, roof block falling.
* Colour transition and tinted glass production.
* Training of new recruit and shift personnel
* Motivate teams to peak performance.
* Achieving World Class Manufacturing (WCM) targets.
* Trouble shooting and solving the production line problems
* Effective utilization and management shift manpower.

**Previous Profile 3:**

Shift Leader-Manufacturing Saint-Gobain Glass India 4 years (Feb 2006 - Jul 2009)

 (Coater plant)

***Job Profile****:*

* Controlling the process parameters and performing different product change over as per plan.
* Planning and executing the shutdown activities’
* Performing the special jobs like target change overs, pumping down the line before start up, venting the line for shutdown.
* Successfully Upgraded the coating production line capacity from 3 meters/min to 6meters/min
* Monitoring the washing machine performance.
* Implement and drive continuous improvement activities through implementation of change management process and best practics.
* Training of new recruit and shift personnel
* Motivate teams to peak performance.
* Achieving World Class Manufacturing (WCM) targets.
* Trouble shooting and solving the production line problems
* Effective utilization and management shift manpower.

**Previous Profile 4:**

Senior Engineer-ProductionRane Brake Linings Limited 1 year 4 months (Sep 2004-Jan 2006)

***Company’s Profile****:*

RANE BRAKE LININGS LIMITED, a DEMING AWARD Company at Chennai, involved in the manufacture of Friction Materials (Brake linings, Clutch facings etc.,)

***Job Profile****:*

* Production Planning and control.
* To achieve the cell performance throughDaily Routine management**(DRM)**
* Day to day TPM activities for machines involved in production.
* Practice of 7 QC Tools, 5S, 3C, Kaizen & Lean concepts in the shop floor.
* Training of operators to achieve production targets
* Implementation of Toyota production system TPS in production line.

**Previous Profile 5:**

Engineer – Production Ikeil Metals Pvt Limited 3 years (Jul 2001 –Aug 2004)

**Company’s Profile**:

IKEIL METALS PVT. LTD., an INDO-KOREAN joint venture at Pune, involved in manufacturing of automobile components by gravity and high pressure die casting techniques

**Job Profile**:

* Design and implementation of cell layouts for new PDC machines.
* Preparing project timing plans and execution of the plans.
* Training of workers to improve output rate and reduce rejection

**Technical training program attended:**

* Four weeks” Coating process technology” training at Saint-Gobain Glass Eggborrough UK for ” Coating process “
* Six weeks “Operation and Maintenance of Coater” training at Saint – Gobain New Namwoo Glass, Nanjing, China for coating equipment handling.

**Educational Qualification:**

**B.E.** (**MECHANICAL**) ANNAMALAI UNIVERSITY 1997 – 2001 First Class

Chidambaram, Tamil Nadu

India

**Personal Details:**

Age : 45 Years (01-08-1978)

Family Detail : Married, one daughter of 14 years old

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Linguistic Skill : English, Hindi, Arabic, and Tamil.

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**Date:**

**Place: Yanbu A.T. Kumaravelu**