

**Ramesh C. Arolkar**

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**A. BRIEF PROFILE**

- ❖ 17 years of experience in Boilers, Pressure Vessels, Heat Exchangers and accessories in the areas of Production, Planning & Control, Quality Assurance & Control, IBR , ASME, Vendor development and Welding
- ❖ Strong Project Management skills with aim on delivering results on-time with proven man management skills
- ❖ Experienced in supplier assessment & development for pressure part & structural fabrication
- ❖ Experience in establishing and maintaining Quality Management Systems as per ISO 9000, ASME and PED
- ❖ **Certified Welding Inspector (CWI) by American Welding Society (AWS)**
- ❖ **Certified as IPMA Level\_D by International Project Management Association**
- ❖ **Certified NDT Level-II in RT, Penetrant Testing & Visual Testing**
- ❖ Last held position – In-charge of small power boilers – Quality Assurance & Control
- ❖ Experienced trainer in different codes of construction viz. IBR, ASME, PED and Welding processes
- ❖ Participated in number of improvement projects through Cross Functional teams [Owner/Member]

**B. WORK EXPERIENCE**

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| <b>Organization</b>     | Thermax Limited, Pune - 17 years (1995 to 2012 )   |
| <b>Designation</b>      | Associate Manager - QAC - Small Power Boilers  |
| <b>Responsibilities</b> | <p><b>Quality Assurance &amp; Control and Welding:</b></p> <ul style="list-style-type: none"> <li>• Leading QAC function for small power boilers. This includes assessing the Customer tender specifications for Quality planning of quality plan &amp; inspection test plan, Conducting dialogue with customer/consultant for the approval of QP, ITP, Co-ordination of manufacturing &amp; site installation activities, Support to site to achieve the quality objectives, resolving the site quality and functional issues.</li> <li>• Working closely with statutory bodies, consultants and third party agencies to ensure compliance to various codes of construction and installation of boilers &amp; pressure equipments.</li> <li>• Implementation and maintenance of Quality Management Systems for QAC Dept Viz. ASME, ISO9001-2008, and PED at plant, supplier and sites.</li> <li>• Design and modification of quality plans, checklists, ITP to implement effective quality systems.</li> <li>• Quality planning for supplier development and inspection/performance testing of various bought-out items like motors, valves, pumps, pressure gauges, controllers and balance of plant equipments</li> <li>• Participate in various cross functional team working on cost reduction, new product development, cycle time reduction, capacity enhancement, Supply Chain improvement, Inventory reduction.</li> <li>• Development of new suppliers for components and guidance to gear up for required quality aspects.</li> <li>• Handling of outstation inspection through third party inspection agencies. Delivering <b>Right First Time</b> and On <b>Time Performance</b> in outstation inspection.</li> </ul> |

- Managing and monitoring MIS of the function
- Monitoring and maintain the cost of inspection activities within budget
- Analysis of customer complaints and CAPA to eliminate the root cause.

**Production Control:**

- 12 years of rich experience in production planning and control as plant in-charge
- Planning and scheduling of jobs on shop floor as per priorities to meet the business plan and timely delivery.
- Planning of manpower and resources to meet the production requirements.
- Providing work instructions to workmen and shop supervisors to meet the production requirements.
- Monitor and control manufacturing processes as per reference standard/codes, quality plans etc.
- Focus on continuous improvement in quality of production processes.
- Implementation of safety standards, 5S, Kaizen, TPM on shop floor.
- Co-ordination between cross functional teams like design, supply chain, logistics etc to meet the production and quality targets.
- Training of workmen and shop supervisor in critical manufacturing processes and welding

**Key Achievements**

**Quality Assurance & Control and Welding:**

- Led a group of shop QC. Daily inspection in shop, delivering the OTP, generating the MIS for the shop inspection, analysis of rework and actions to minimize the same.
- Successful completions of Root Cause Analysis of major fire at one of the site, thereby saving almost 50 lacs for the organization.
- Single handedly completed inspection of 200 tons of structural's in 2 months for an export project without any single matching/quality issue at site.
- Implemented the procedure for out-to-out dispatches from vendor to customer site thereby reducing the transportation cost.
- Development of vendors for mfg. of pressure part components for power boilers and accessories
- Effective implementation of quality systems for small power boilers.
- Root cause analysis of issues at site and CAPA on the same.
- Streamlining of IBR folders availability for small power boilers in order to execute the timely commissioning at site.
- Led & implemented improvement initiative in system streamlining Response time, Cycle time to reduction to meet delivery schedule
- Successfully implemented the system for outstation supplier inspection through resourced inspection agency.
- Successfully completed the tubes removal and re-tubing job on a power boiler site to meet stringent time line targets.
- Root cause analysis of flue gas shortage at site and implemented the solution there by avoiding the replacement of FD fan at site.
- Root cause analysis of super heater coils failure at site.
- Effective site audits to improve the site quality and design parameters.
- Study of drawings with respect to codes and rectification in advance so as to reduce the approval time from statutory body.
- Implementation of site quality systems for small power boilers.
- Exposure to Vendor inspection / Assessment in all parts of India

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**Production Control:**

- Bagged third prize for the case study of machine under TPM at meet organized by Kaizen institute in Pune.
  - Improved the production by almost the double in three year time as plant in-charge.
  - Modification of shop layout to ease the flow of production processes.
  - Manufacturing of FOAK kind of units for domestic and export projects like Kenya Tea Development Authority, ASME coded boilers for Malaysia.
  - Revamping of drilling machine which was almost in scrap through TPM.
  - Effective implementation of 5S in shop floor.
  - Team member for Ancillary development for pressure parts manufacturing
  - Development at four regions for Balance of Plant equipment & Structural
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**C. ACADEMIC QUALIFICATIONS**

- Diploma in Mechanical Engineering, Govt. Polytechnic, Goa.
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**D. TRAINING/CERTIFICATION**

- **IPMA Level D**
  - **Certified Welding Inspector of American Welding Society. Certificate no. 09015261**
  - **NDT Level II – RT, PT & VT**
  - Expertise in different codes of manufacturing viz. IBR, ASME, GOST, PED
  - Team building exercise by "**Manford Consultants**"
  - Leadership development program under Thermax Development Center
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**E. PERSONAL DETAILS**

**Name** : Ramesh C. Arolkar

**Date of Birth** : DOB - May 15, 1973

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**Languages** : English, Hindi, Marathi,