Harry Rice

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Professional Qualifications

Expert and leader in product realization, continual improvement, and quality assurance supporting engineering, operation, and maintenance of facilities and manufacturing production lines:

- product/service quality engineering
- lead auditor (NQA-1, ISO 9001:2015, ISO/TS/IATF:16949, internal and supplier)
- program and project management, change management
- inspection, testing, verification & validation (V&V)
- cross-functional (multidisciplinary) process improvement
- continual improvement in quality and delivery performance (DMAIC, Kaizen)
- APQP, PPAP, FMEA, SPC, MSA, 5-Why's, 5S, 8D

Developing, implementing and evaluating systems, programs and automated processes compliant with ASME NQA-1, ISO 9001:2008 to the transition to 2015, including NCA 4000 and TS 16949:2009 compliance and transition to IATF:16949. Systematic Approach to Training applied. SharePoint Architect and Administrator.

Experience and Background

QUALITY ENGINEERING/PERFORMANCE IMPROVEMENT:

3/2017 - Present
Senior Quality Management Systems Engineer, Martinrea Heavy Stamping, Shelbyville, Kentucky

Senior Quality Management System Engineer responsible for establishing and maintaining systems to ISO/TS/IATF:16949 and ISO 9001:2015 requirements for Tier 1 Automotive supplier performing:

- development of an advanced quality management system tool set using SharePoint features
- internal and external audits on systems and processes
- trend analyses for problem identification and resolution
- training on system requirements and auditing

Internal Auditor, Corrective Action Program Manager, Internal Audit Program Manager.

11/2013 – 2/2017
Lead Quality Engineer – Performance Assessment, Westinghouse Electric Corp., Waynesboro, Georgia

Lead Quality Engineer responsible for performance assessment of AP1000 Nuclear Power Plants New Builds at Vogtle Nuclear Generating Station Units #3 & 4 performing:

- internal, and external audits support, surveillance reports, management assessments
- trend analyses for problem identification and resolution
- inspections & tests oversight
- engineering document reviews
- training and performance improvement programs development.

MS Office 365 Enterprise E3, SharePoint Architect. Expert in Excel, MS Access and SQL Server for application of SPC tools to support fabrication and construction phases.

Member of Management Review Committee, screening corrective action reports (CAR), non-conformance reports (NCR) and unsatisfactory inspection report results for trending, and significant conditions adverse to quality. Developing quality and technical procedures and instructions. Preparing Trend and Metric Reports. Reviewing causal analysis reports. Directing a staff of three.

09/2011 - 04/2013
Quality Manager - Invensys Operations Management, Lake Forest, California (Now Schneider Electric)

Quality Manager - for factories manufacturing and installing distributed control systems (DCS/PLC):

- oversaw quality control and regulatory compliance of Nuclear Triconex product line, including Marketing, Research & Development, Engineering, Manufacturing and Integration Projects
- Lead Auditor and Cause Analyst certification approval authority
- Cross-Functional Process Improvement Teams Leadership
- Upgraded Quality Management System using enterprise management systems to consensus standards (e.g., ASME/ANSI NQA-1, IEEE, IEC, CMMI, NEC, ISO 9001:2008, TS16949)

Employed NQA-1, DMAIC, Lean Six Sigma, including Kaizen methods Used metrics (SPC, KPI) for electronic products manufacture. Implemented Product Life Cycle Management (e.g., Oracle PLM and PQM), and Software Development Life Cycle (SDLC) using CMMI and Agile methodologies. Awarded the Nuclear Regulatory Commission Safety Evaluation Report (NRC SER) for the Triconex product line. Gained recertification to ISO 9001:2008. Directed a staff of eighteen.

09/2009 - 04/2011
Quality Assurance Manager, DUF6 Facility, Paducah, KY and Performance Assurance Manager, Isotek Project, Oak Ridge, TN for EnergySolutions, LLC (now Atkins)

- oversaw Engineering Design Documentation Control
- surveillance, management assessments
- Root Cause Analyses employing Phoenix Method, Ishikawa (Fishbone) and Barrier Analyses
- Operational Readiness Review: Quality Management System
- Developed knowledge base and performance assessment programs, web-based (SharePoint)
- Trained Subject Matter Experts. Advanced inspection, testing, and life cycle maintenance (PPAP and APQP) to ISO 9001:2008 and Code of Federal Regulations 10 CFR 50, Appendix B

NUCLEAR TRAINING PROGRAMS:

08/2008 - 08/2009
Principal Operations Training Specialist, URS, Richland, Washington (now AECOM)

Applied the Systematic Approach to Training (SAT). Analyzed, designed, developed, implemented, and evaluated training programs.

Analyzed project systems and processes for development of procedures and training materials through job and task analysis. Areas included equipment maintenance and material controls.

BUSINESS DEVELOPMENT:

06/2000 - 08/2008
Business Development Specialist and Licensed Agent, PICS, LLC & NFIB (Self-Employed Professional)

Business Development Specialist for Small, Disadvantaged Business Enterprises and advocate lobbying for small businesses in Eastern Kentucky. Generated web interfaces using GIS and photography to create graphics of small communities. Developed web sites for front and back office applications. Software Analyst/Developer of interactive community systems. Trained project coordinators and graphic artists in the field. Inside/Outside Sales Representative, trained field personnel and maintained customer relations while coordinating production, marketing and servicing programs. Developed field sales management program. Long-Term Care Specialist and Insurance/Financial Agent. Qualified in HIPAA and Sarbanes-Oxley. *(Alternating Part and Full-Time while managing late Father’s and Grandfather’s estates.)*

MILITARY EXPERIENCE:

09/1973 - 11/1985
Nuclear Power Plant Supervisor/Trainer, E-7, Submarine Service, U S Navy Nuclear Propulsion Program, SUBLANT, Groton, Connecticut

Chief Electricians Mate (E-7) Submarine Service - Nuclear & Lead Training Specialist responsible for analysis,

design, development, implementation and evaluation of training programs for instrumentation & control and electrical maintenance personnel responsible for overhaul, testing, operation, and maintenance of nuclear submarines and prototype training facilities. Curriculum Development Specialist updating programs to applying the Systematic Approach to Training for operations and maintenance training courses and advanced engineering schools. Supervise crews of operating and shutdown nuclear propulsion plants both at sea and in shipyards, in addition to managing training facilities.

Education

Bachelor of Science (Equivalent), Science & Technology, GRE & Life Experience - NYIT, Old Westbury, NY

Associate of Science (Equivalent), US Navy Nuclear Program - Instructor, US Navy Nuclear Power School