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| **Matthew G. Brown** | | |
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| **Summary**  An analytical, solutions-oriented industrial engineer with 13+ years of experience in process development, risk management, continual improvement and problem solving. Adept in the design, implementation, audit and maintenance of effective safety, quality and environmental management systems. Achieved breakthrough results through the management of change and the engagement of people. Eager to join an organization that values its growth as well as the development of its employees and culture through the promotion and use of tailored improvement techniques.  **Work Experience** | | |
| **Legrand - Middle Atlantic Products**  *Senior Management Systems Analyst (March 2017 – April 2020)* | | **Fairfield, NJ. July 2014 – April 2020** |
| Audited conformance to management system standards, provided actionable analysis of data to support achievement of quality objectives, and promoted risk-based thinking in process ownership in the design, manufacture and distribution of equipment mounting solutions, rack enclosures, technical furniture, and power distribution products. Led planned improvements, root cause analysis and corrective actions in manufacturing and other business processes.   * Designed a reporting framework to capture, measure, and present Cost of Poor Quality data out of newly adopted ERP software to identify and track improvement efforts, reducing internal and external failure costs by 20%. * Led a team of 10 auditors for the multi-facility internal audit program, and performed Tier 1 Supplier Audits to maintain conformance and evaluate performance relative to business requirements, compliance obligations, and strategic objectives. * Performed a gap analysis and implemented system-wide transition to ISO 9001:2015 for Quality Management Systems and ISO 14001:2015 for Environmental Management Systems resulting in certification to both standards by the required deadline. * Adopted an audit process that integrated ISO 9001:2015 for Quality, ISO 14001:2015 for Environmental, OHSAS 18001:2007 (and its replacement ISO 45001:2018) for Safety Management Systems to ensure a wholistic audit approach, improve depth and value of audits and reduce disruption to functional areas from repeated audits. * Served as point of contact for external certification audits and managed actions to address findings. * Provided decision-making and problem-solving trainings to managers, supervisors, and team members to empower a customer-focused culture throughout the organization. * Implemented a procedure and format for Process Failure Mode and Effects Analysis (PFMEA) to enable risk management in manufacturing operations. * Led a project to centralize document control for the newly forming Audio-Visual Division’s management system resulting in a reliable, efficient and cost-effective solution using existing software. | | |
| *Quality Engineer – Analyst (July 2014 – March 2017)* | |  |
| Maintained KPI dashboard report for business objectives and facilitated Quality Management Reviews. Performed internal audits and facilitated root cause analysis for corrective actions. Worked with the Lean Manufacturing group to develop tools to measure, monitor, and sustain improvement efforts from kaizen events.   * Designed and trained risk analysis methodology for use in the evaluation and prioritization of customer complaints, internal and supplier nonconformance reports, resulting in improved resource utilization in corrective action and over 20% reduction in the Cost of Poor Quality. * Provided Six Sigma Green Belt training sessions in continuous improvement methodology for the Lean and QA groups resulting in over 50% certification rate through ASQ. * Created and provided training for root cause analysis and corrective action planning to empower managers, supervisors and team leads to use standard methods to address quality issues and present results. | | |

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| **The Beverage Works NY, Inc.**  *Operations Analyst* | **Wall, NJ. April 2010 – April 2014** |
| Applied quality management techniques to report, analyze and improve facility inspections, inventory, and fleet management for a New York/New Jersey distributor of Red Bull energy drink while attending Rutgers University, Graduate School.   * Used elements of DMAIC improvement structure on inventory analysis to improve accuracy and ordering decisions. * Developed an audit program for fleet vehicle maintenance and inspections to drive the preventive maintenance program and reduce the costs of corrective maintenance and downtime. | |
| **JEF Core, Inc.**  *Program Manager* | **Weston, MA. July 2009 – March 2010** |
| As part of a small consulting team, provided analyses of the regulatory and systems requirements for clients seeking to develop and introduce novel medical technologies that leverage the availability of smartphones and other personal devices.   * Provided inputs to freedom-to-operate analysis and competitive benchmarking for intellectual property. * Identified quality system needs and likely emerging regulatory paths for developers of mobile phone applications for imaging methods, appointment reminders, and diabetes monitoring. | |
| **HyperMed, Inc.**  *Quality Assurance Engineer* | **Burlington, MA.****Sept 2006-June 2009** |
| Provided technical support and customer service to an installed base of novel medical hyperspectral imaging systems across the United States via phone support, by dispatching and managing in-field service technicians, and personally servicing devices. Acted as liaison between customers and product development team, incorporated customer feedback, led CAPAs, and ensured risk management and quality requirements were met throughout the product lifecycle.   * Authored and led Verification and Validation protocols for improvements to the system that were used in a Special 510(k) submission to the FDA, cleared January 2008 (K073656). * Developed quality management systems in compliance with FDA Quality System Regulations (21 CFR 820) and performed quality control functions for the manufacturer of a medical imaging system used as a non-invasive tissue oxygenation measurement tool (K061848). | |
| **Education & Certifications**  **Rutgers University, Graduate School**, New Brunswick, NJ. *Master of Science*, Industrial and Systems Engineering: Quality and Reliability Engineering. May 2013. GPA 3.67.  **Brandeis University**, Waltham, MA. *Bachelor of Arts,* Mathematics and Philosophy. May 2006. GPA 3.2.  **Certified Six Sigma Green Belt** - American Society for Quality #7446.  **ISO 14001:2015 Lead Auditor** – AQS Solutions #E4930  **Software Proficiencies**  Excel, Microsoft Project, Microsoft Teams, PowerBI, Microsoft Office, Visio, SAP, MiniTab, Matlab, SAS. | |