ROBERT SMITH

Lead Reliability Engineer

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Proven superior communication skills and experienced in briefing Generals and other high ranking officers (senior executives). Extensive maintenance management experience, and was responsible for the transition of the Marine Corps largest regiment, with over $80 million in equipment, cut over to an Oracle maintenance and supply system.

2015 – 2016

LEAD RELIABILITY ENGINEER - ABC CORPORATION

- Responsible for maintenance reliability improvements.
- Provide leadership to drive out repetitive maintenance problems, reduce maintenance costs, and improve equipment reliability.
- Champions for the safe operation of the mill and be involved in safety activities that move the mill to an injury free environment.
- Developing and optimizing preventive maintenance systems, coordinating quarterly and annual shutdowns, conducting failure analysis, improving predictive maintenance systems, utilizing Cause For Loss system, and implementing maintenance improvement projects to eliminate recurring problems.
- Work with both operations and maintenance to develop cost effective solutions to maintenance issues in the department.
- Work on projects that drive the department toward world class results.
- Coordinate activities with the other departments to provide the effective use of the mill wide maintenance resources.

2014 – 2015

RELIABILITY ENGINEER - ABC CORPORATION

- Madison Wisconsin (contract to direct) TomoTherapy is a producer of CT image guided radiation therapy solutions for cancer treatment.
- The ring gantry-based TomoTherapy platform combines 360deg fan-beam delivery of IMRT and megavoltage CT imaging with conformal radiation therapy to deliver radiation treatments with speed and precision while reducing radiation exposure to surrounding healthy tissue.
- Reliability Engineer Responsible for performing various reliability duties including Definition and execution of reliability demonstration tests and accelerated life tests.
- Development of product reliability requirements.
- Facilitation of hardware DFMEA sessions with Product Development project teams.
- Determination of estimates for MTBF, MTTF, and MTTR.

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- Confirmation of proper implementation of derating guidelines, FEA, and safety factors..

EDUCATION

Master's in Business Administration - 2016(Embry Riddle Aeronautical University-Worldwide)

SKILLS

Microsoft Office Suite, SolidWorks, CosmosWorks, Inventor 10, NX 7.5, MSC Adams/Car, TIG, MIG, manual mill, manual lathe.