Example of Integrity Engineer Job Description

Our company is hiring for an integrity engineer. We appreciate you taking the time to review the list of qualifications and to apply for the position. If you don't fill all of the qualifications, you may still be considered depending on your level of experience.

Responsibilities for integrity engineer

- Develop processes and procedures to establish responses to integrity assessment including evaluation of data, data integration requirements, response criteria and establishing reassessment intervals
- Develop procedures to support in-field evaluation and remediation processes
- Assist with new technology selection and implementation including evaluation of manufacturer's proposals for new and / or replacement equipment from technical standpoint
- Ensure regulatory, corporate and site safety and environmental standards are being followed by conducting safety audits, risk assessments and housekeeping tours
- Support the Asset Integrity program by reviewing and acting upon inspection reports, performing FMEA on newly added assets to the program
- Manage structural rehabilitation projects
- Provide support to inspection Contractors while on site
- Participate in planning, commissioning, and start-up of new and modified facilities
- Create data sheets and specifications for material composition
- Develop basic engineering analysis to assist the Mechanical Integrity Specialists with risk based facility inspections, assist in the scheduling and oversight of the inspections, and the subsequent review of results

Qualifications for integrity engineer

- Experience with management of contracts and field contractors is preferred
- Must be experienced with ASTM, NACE, ASME and API codes and standards
- Thorough knowledge of CFR Part 195 and 192, OSHA, ASME B31.4, B31.8 and B16.5, API, ASTM, and NACE Codes and Standards
- A minimum of 3 years of experience in Automotive Product Design, specifically in automotive interiors
- Demonstrated understanding of parting lines, ejection, cooling, gating, complex tool action and mold flow considerations