

Job ID: **RK90210C**
Job Title: Senior Reliability Engineer – Corporate Engineering
Degree Requirements: Bachelor’s Degree Mechanical Engineering
Years of Experience: 10 - 15
Type of Position: Direct Hire
Location: Southeast TX
Salary Range: \$90K - \$120K D. O. E. – Bonus Eligible
Travel Required: 25%

IMMEDIATE NEED in southeast Texas for a Senior Reliability Engineer who has a Bachelor’s degree in Mechanical Engineering from an accredited college or university and a minimum of 10 years experience in Maintenance or Reliability Engineering.

The **MUST HAVE** items for this position are:

- 10+ years of experience in Maintenance or Reliability Engineering in chemical / petro-chemical industry
- Currently possess or obtain & maintain a TWIC (Transportation Worker Identification Credential) Card
- Knowledge of repair & maintenance of rotating equipment (pumps, blowers, compressors)
- Knowledge of repair and maintenance of turbo machinery (single & multi stage turbines)
- Knowledge of Vibration Analysis Programs, Lubrication (oil) Analysis Programs, & Boiler inspection management
- Experience & expertise in performing Root Cause Failure Analysis (RCFA)
- Working knowledge of preventative / predictive maintenance techniques
- General understanding of electrical equipment and instrumentation
- Experience with mechanical equipment design, fabrication, and installation
- Familiarity with applicable industry Codes related to rotating and stationary equipment (ASME, API, and other applicable codes)
- Ability to recognize and / or formulate a business case for reliability improvements
- Strong computer skills

PLUSSES in this position are:

Experience with SAP or other Computerized Maintenance Management System (CMMS)
Experience in Reliability Centered Maintenance (RCM)

The **RESPONSIBILITIES** include but are not limited to:

- Create, review, validate, & provide feedback on corporate policies & procedures relating to mechanical design, fabrication, installation, and maintenance
- Provide reliability input to procurement teams for evaluation of rotating & stationary equipment, piping, & vessels
- Identify, evaluate, & promote cost-savings opportunities regarding equipment reliability, design, installation, & commissioning opportunities, especially in regards to the capital project process
- Lead / facilitate use of various reliability process { Root Cause Failure Analysis (RCFA), Reliability Center Maintenance (RCM), Bad Actors, Failure Modes Effect Analysis (FMEA), etc. }
- Lead implementation of reliability improvement & support sites to implement the Reliability Roadmap
- Provide technical expertise on Preventative / Predictive Maintenance techniques such as vibration analysis, oil analysis, motor circuit evaluation, and Positive Material Identification (PMI)
- Provide technical expertise to North American sites in developing maintenance and reliability strategy for turbo machinery
- Work with the corporate maintenance and reliability community to gain consensus on reliability best practices, and promote their use

KEY WORDS: Reliability Engineer, TWIC, RCM, Reliability Centered Maintenance, SAP, CMMS, Computerized Maintenance Management System, chemical, petro chem., petro-chem, refinery, rotating equipment, pumps, blowers, compressors, turbo machinery, single, multi stage turbines, Vibration Analysis Programs, Lubrication, oil, Analysis Program, Boiler inspection, Root Cause Failure Analysis, RCFA, preventative maintenance, predictive maintenance, rotating equipment, stationary equipment, ASME Codes, API Codes, SAP, Computerized Maintenance Management System, Reliability Center Maintenance, Bad Actors, Failure Modes Effect Analysis, FMEA, Reliability Roadmap, vibration analysis, oil analysis, motor circuit evaluation, Positive Material Identification, PMI

If you meet these requirements and wish to be considered for this position, send your résumé to us using Word 97 -2003 at Resumes@PinnaclePlacementGroup.com mentioning the **Job ID** and the **Job Title** in the subject line of your email. **In your email please provide us a short narrative detailing your experience and expertise as it applies to this position.**