Life at Nissan encompasses everything that inspires both the quality of our vehicles and the quality of our people. Company-wide, you'll find fast learners and self-starting engines as well as people who are quick to embrace change and take an idea into overdrive.

Nissan is currently seeking a dynamic individual to fill an opening for a **Reliability Engineer** at our EV Battery Plant in Smyrna, TN.

The successful candidate will support multiple maintenance teams in a highly automated environment to introduce Reliability Centered Maintenance methodologies and practices. This will include the individual’s ability to:

- Demonstrate extensive knowledge of Reliability and Maintenance engineering tools and concepts.
- Facilitate training and ensure use of common analytical tools such as Failure Mode Effect Analysis (FMEA), Failure Mode Effect and Criticality Analysis (FMECA) and Fault Tree Analysis (FTA) within Maintenance and Operational Teams.
- Champion the development and execution of Value Stream Mapping (VSM) activities that accurately reflect the Current State of our Maintenance organization while ensuring that the Future State aligns with overall business objectives and goals.
- Develop, monitor and improve multiple Key Process Indicators (KPI’s) including Break Down Rate (BDR), Mean Time Between Failure (MTBF) and Mean Time to Repair (MTTR) to ensure our actions are appropriate and effective in the continuous improvement of our performance.

**Primary Responsibilities**

- Act as the site Subject Matter Expert (SME) for all Reliability activities.
- Assist maintenance leaders in determining current skill levels across the team.
- Coordinate or facilitate skill improvement through internal and external training.
- Support Maintenance Leaders in the Life Cycle Asset Management (LCAM) process
- Perform Global Maintenance Reinforcement (GMR) process and system audits on a semiannual basis. This activity will:
  - Identify areas weakness and underperformance
  - Ensure effectiveness of improvement plans
  - Establish a benchmark for comparison with other Maintenance Organizations with Nissan
- Develop mid and long term strategies that result in our Maintenance organization being recognized as Best in Class/Top Performer
- Optimize maintenance processes by use of various Condition Based Maintenance (CBM) and Preventative Maintenance (PM) activities
- Lead and participate cross functional team based Root Cause Analysis (RCA) and Problem Solving Activities (PSA)
- Utilize formal project management tools such as Plan-Do-Check-Act (PDCA) or Define-Measure-Analyze-Improve-Control (DMAIC) methodologies
- Compile Reliability and Maintainability capital and expense cost as requested
• Performs other related duties of which the above are representative.

Qualifications

• Leadership skills that demonstrate a mindset that is Cross Functional/Cultural, Transparent, Passionate Learner, Frugal and Competitive resulting in actions that Motivate, Commit, Perform, Measure and Challenge yourself and those around you.
• Understanding of the maintenance department functions in a high volume automated environment. Automotive manufacturing at the OEM or Tier one level supplier is considered a plus.
• Engineering Degree from an accredited institution is highly desired. Non degreed candidates with a minimum of seven years direct experience in a Reliability Engineering position will be considered.
• Certified Maintenance Reliability Profession (CMRP) certification is preferred.
• Computer Skills: Working knowledge of Microsoft Office applications (Outlook, Excel, Word, Access, PowerPoint and SharePoint), Computerized Maintenance Management Systems (CMMS - Fusion experience is a plus)
• Infrequent day and overnight travel, including international travel.

All of us at Nissan - regardless of functional area or expertise - share a passion to design, manufacture and sell high-performance, fun to drive vehicles.
Welcome to an open lane of possibility.