

DRAFT
TEXTRON SPECIALIZED VEHICLES
POSITION DESCRIPTION

POSITION: Mechanical Engineer (Sourcing)
DIVISION: Textron Specialized Vehicles (GSE), Wuxi, China
DEPT: ISC
DATE: 8/2017

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POSITION SUMMARY:

Responsible for the localization of Bill of Material components for Ground Support Equipment products. Performs analysis of currently specified or sourced component, understands performance characteristics of components in the application and identifies China located suppliers capable of supplying equivalent components.

ORGANIZATIONAL RELATIONSHIPS:

This position reports to the Materials Manager – Wuxi Operations. In addition, the incumbent must work closely with the Operations and Quality managers, Sourcing leads in the US/UK as well as design engineering in Wuxi and the US/UK. Position requires the ability to interface with vendors and possibly customers and incumbent should be able to communicate effectively in Chinese and English both orally and in writing.

POSITION RESPONSIBILITY:

1. Develops localization strategy with leader of Sourcing team and Operations and Quality leaders.
2. Analyzes current specifications and communicates with relevant engineering teams in US or UK to ensure a complete understanding of the application requirements for each component to be localized
3. Carries out supplier research to determine if equivalent components are available in the market at a reasonable cost.
4. Conducts site visits with suppliers in China as needed to evaluate quality systems and process stability of supplier.
5. Conducts supplier reference validation.
6. Works with Design Engineering to modify product designs to accommodate local components when different from those specified in the original design. Some minor design/ECN work may be assigned.

7. Schedules work to meet completion dates agreed upon with management and has a strong bias for action and driving assignments to completion in the shortest possible time.
8. Evaluates localization process with tam and may recommend changes in procedures.
9. Travel to the US/UK or other TSV locations as required for training and meetings.
10. Performs all duties within the Textron Business Conduct Guidelines.

SKILLS NEEDED:

This position requires knowledge of power systems – diesel and electric, transmissions/axles, mechanical, electrical and pneumatic systems. A broad based understanding of machinery and mobile equipment especially GSE equipment will be helpful (GSE experience is not a requirement).

Ability to work independently without constant supervision with a strong drive for results.

KNOWLEDGE & EXPERIENCE:

This position requires a minimum of 3-5 years of mechanical engineering/sourcing/localization experience in a related manufacturing environment. Experience with vendors and prior product localization experience is highly desirable. Bachelor of Science degree in Mechanical Engineering with an understanding of electrical engineering technology is required. Familiarity with vendor selection, quality systems, and component testing processes as they relate to defined specifications is desired.

Familiarity with Microsoft Office suite, SAP, Kingdee is desirable.

MENTAL REQUIREMENTS:

Performs highly complex and varied tasks requiring independent knowledge, its application to a variety of situations, as well as exercise of independent judgment.

PHYSICAL REQUIREMENTS:

This position may exert up to 10 pounds force occasionally and/or a negligible amount of force frequently or constantly to lift, carry, push, pull, or otherwise move objects, including the human body.

APPROVALS:

Signature Date

Human Resources Date

The responsibilities outlined in this position description serve as a general guideline for the position and may not be exhaustive of all duties inherent in the job.