



Tier 3: IMPLEMENTATION AID

Title: POSITION DESCRIPTION FORM

Identifier: 0002241

Revision: Rev 8

Owner: Human Resources Manager

Effective Date: 18 September 2009

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To be used in accordance with the Recruitment Process (DIN: 0001921).

Position Title: E1103: Hardware Engineer Senior
Location: Australia
Reporting to: Hardware Engineering Manager
Direct Reports: None
Relationships: Internal Team members as per Work Assignment(s).
External Primarily internal company contacts. Frequent inter-organisational and outside customer contacts. Represents the organization in providing solutions to difficult technical issues associated with specific projects.
Special Features: Must be eligible for CoA clearance to SECRET level.
Maybe required to travel interstate from time to time.
Maybe required to work in remote locations from time to time for short durations.

Primary Responsibility:

Responsible for the conduct of hardware engineering activities on nominated tasks or projects under general supervisor in accordance with current work assignment.

Contributes to the completion of milestones associated with specific work packages or projects limited general supervision. Independently determines and develops approach to solutions. Work is reviewed upon completion for adequacy in meeting objectives.

Specific Functions:

1. Under the general supervision and direction perform the following functions as individual assignments or as part of a team:
 - Research, design, development, and testing of COTS/MOTS or custom computing hardware and/or other electronic / electrical or electro mechanical components.
 - Develops / designs for the installation of hardware components and assemblies into chassis, racks, cabinets, workstations, customer facilities, and/or shelters.
 - Plans, directs, reviews and coordinates preparation of project documentation to ensure customer contract and company requirements are met.
 - Prepares specifications, evaluates vendors, and prepare and analyses test reports.
 - Work within the boundaries of company policies and procedures.
 - Identify business improvement initiatives wrt to the Hardware and related Engineering Disciplines.
 - Other reasonable duties as required.

Qualifications/Experience/Skills:**Qualifications**

- Bachelor degree from an accredited institution in a related discipline (typically Electrical, Electronic, Electro mechanical or Computer Systems Engineering), or equivalent experience/combined education.

Experience

- 5 years of professional experience.

Skills and abilities

- Complete understanding of the System/Subsystem Engineering Lifecycle as it relates to Hardware Engineering using standard methods and techniques/tools
- Complete understanding and wide application of technical principles, theories and concepts, in the field.
- Strong application where needed of skills in relevant technologies.
- General knowledge of other related disciplines.
- Provides technical solutions to a wide range of difficult problems. Solutions are imaginative, thorough, and practicable, and consistent with organisation objectives.
- Strong problem-solving skills with ability to resolve complex technical issues.
- Ability to work autonomously in a professional environment.
- Attention to detail.
- Ability to work in a team environment.
- Demonstrated ability to build and maintain effective working relationships in a team environment.
- Good supervisory skills.
- Strong verbal and written communication skills.
- Good initiative in developing and improving systems and procedures.
- Good Customer Focus.