



+27 12 803 6184

+27 12 803 6848

info@lmt.co.za

www.lmt.co.za

286 Maggs St, Waltloo, 0184, Pretoria, South Africa  
Box 1578, Brooklyn Square, Pretoria, 0075, South Africa



## VACANCY

### **Job Title**

Senior Design Engineer (2 positions available)

### **Department**

Engineering, reporting to the Executive Manager: Engineering

### **Internal/External**

Internal and External Applications will be accepted

### **Availability**

05 January 2015

### **Type of contract**

Permanent with a 3 month probation period

### **Salary**

Negotiable depending on experience and qualifications

### **Job Description**

1. Perform concept design, calculations and layouts of new designs.
2. Evaluate Finite Element simulations.
3. Prepare Solid Models of components; sub-assemblies and assemblies, using the LMT file structure guidelines and number protocol.
4. Prepare concept layouts of design concepts, using own design initiative and incorporating the inputs of members of the design team, with input from the team leader.
5. Prepare detail layout and manufacturing drawings of components and assemblies.
6. Ensure correct drawing standards are used on drawings done under supervision by draftsman.
7. Represent LMT at design reviews.
8. Follow the development procedures as described in the quality manual, ensuring that the relevant reviews and procedures are completed, in order to reduce design risk.
9. Assist during the building and testing of prototypes, ensuring that closed loop feedback can take place during the design process.
10. Communicate with manufacturing contractors, to ensure the flow of information during prototyping and production.
11. Communicate with clients on project status and technical detail, representing LMT.
12. Communicate and incorporate inputs from the test and analysis departments during the design process.
13. Include the test and analysis department to perform analysis and tests to complete the design cycle.

14. Ensure that projects are executed according to the time and budget targets, set by the Design team leader.
15. Responsible for the technical integrity of the design.
16. Manage a Design Team.
17. Keep up to date with new trends in the automotive and military field, by reading technical papers and documents, as supplied.

### **Education**

B Eng – Mechanical Engineering or equivalent

Post graduate degree in Automotive/ Vehicle Engineering will be an advantage

### **Software capability**

1. NX8.5 (Unigraphics)
2. Siemens TeamCentre
3. Microsoft Office

### **Experience**

5 Years automotive engineering or mechanical structures experience necessary

Experience in the military vehicle design environment will be an advantage

### **Application**

Should you meet the requirements and wish to apply for the position, please send your CV, copy of ID and copies of qualifications to [hr@lmt.co.za](mailto:hr@lmt.co.za) on or before the closing date.

### **Closing Date**

25 November 2014

Should you not receive any correspondence 2 weeks after the closing date, please consider your application unsuccessful.