

CAREER OPPORTUNITY

The Council for Scientific and Industrial Research (CSIR) is a leading scientific and technology research organisation, implementing projects throughout Africa and making a difference in people's lives.

Senior Lab Manager: Light Metals

About the job:

The CSIR has a vacancy for a **Senior Lab Manager** in the Light Metals (LM) competence area within the Materials Science and Manufacturing (MSM) unit. The purpose of the job is to organize, direct and manage the LM facility (laboratories and infrastructure), ensuring that quality parameters and effective service are developed and maintained. The purpose is to ensure that the facility attracts new business, retain existing business, implement and adhere to quality systems and EHS procedures and grow technical competence. This position is based in Pretoria.

About the job:

The LM competence area undertakes metals and metal alloys-based research, development and innovation activities for application in various industry sectors, such as aerospace, automotive, military, medical, etc. The competence area hosts the Titanium Centre of Competence (TiCoC) and Light Metals Development Network (LMDN) which are both supported by the Department of Science and Technology. The LM has specialised facilities and capabilities for materials (metals and composites) design, selection, testing and characterisation. Furthermore, the competence area is a leader in structural design and analysis and hosts world-class expertise and capabilities in powder metallurgy and advanced casting for parts and components manufacturing.

Key responsibilities:

- Lead a team of technical specialists, lab analysts/technicians and quality officer;
- Manage day to day operations of the LM laboratories which include mechanical metallographic and powder characterization laboratories;
- Market and identify new business opportunities for LM facility and assist in technical report writing for tests and consultations;
- Draft proposals for lab and consultancy projects (ad-hoc mostly);
- Budget and achieve industrial financial targets for the LM facility;
- Forge links with the academic and industry sector within the SET community;
- Take technical accountability for the LM laboratory's results i.e. technical signatory for all laboratory methods;
- Take responsibility for the upkeep and maintenance of the complex equipment/infrastructure for the LM facility;
- Provide guidance and input into the technical direction the facility needs to take both in the short term and long term. This will include the capex strategy for the facility;
- Train and mentor both junior and senior analysts and set the standards for technical excellence in the laboratories;

- Keep abreast with the scientific and engineering developments and trends in metallurgical and mechanical fields as it pertains to the laboratory's business;
- Ensure quality system implementation and compliance in particular ISO/IEC 17025.

Qualifications, skills and experience:

- A Bachelor degree or a BTech in Science or Engineering with at least five (5) to eight (8) years' experience in a similar or related position, preferably in an industrial or manufacturing environment;
- Must have thorough understanding of the requirements of ISO 17025 and knowledge of EHS systems;
- Able to communicate technical information to a diverse audience drawing on sound understanding of scientific principles in solving complex problems;
- Excellent interpersonal relationship and stakeholders liaison skills and able to liaise with a diverse portfolio of people locally and internationally;
- A proven record of writing high quality technical reports;
- Good communication skills (verbal and written);
- Ability to handle more than one issue at a time and to cope with industry pressure and demands;
- Computer literacy and able to pay attention to details;
- People/team building skills

Should you meet the above requirements, please email your CV to jobapplications@csir.co.za with your name and surname, position title and reference number in the subject line, **(eg. John Smith: Job title: Senior Lab Manager: Light Metals (reference No: 307889))**

Closing date: 31 March 2017

PLEASE NOTE THAT FEEDBACK WILL BE GIVEN TO SHORTLISTED CANDIDATES ONLY.

For more info, please contact the CSIR Recruitment Centre on **012 841 4774** or email us at Recruitmentinfo@csir.co.za

*The CSIR is an equal opportunity employer. As such, it is committed to the Employment Equity Act of 1998. By applying for this position at the CSIR, the applicant understands, consents and agrees that the CSIR may solicit a credit and criminal report from a registered credit bureau and/or SAPS (in relation to positions that require trust and honesty and/or entail the handling of cash or finances) and may also verify the applicant's educational qualifications and employment history. **The CSIR reserves the right to remove the advertisement at any time before the stated closing date and it further reserves the right not to appoint if a suitable candidate is not identified.***