
Asphaltic Concrete Engineer

Primary Objective of Position

The Asphaltic Concrete Engineer ensure technical advisory and control services are provided for Project Engineer (Contractual Management) in the design, production, transportation, laying and testing of Asphaltic Concrete and the respective materials. The Asphaltic Concrete Engineer will ensure that these services are delivered efficiently and effectively and consider the safety and well being of the public, users etc.

Key Outcomes

The Asphaltic Concrete Engineer will be accountable for the following outcomes:

- 1) Asphaltic Concrete technical services provided
 - # Technical expertise provided
 - # Technical interpretation of design, test results etc
 - # Technical advisory services – production, transport and laying
- 2) Compliant contract project component:
 - # Contractual Asphaltic Concrete technical compliance
 - # Plan and Specification including quality
 - # Project statutory compliance - laws and regulations
 - # Health and safety
 - # Environmental
 - # Work with Materials Engineer for base sign-off
 - # Design and structural compliance
- 3) Informed management and team.
 - # Asphaltic Concrete technical reporting
 - # Contract and operational changes recommended
 - # Incidents and events reporting
 - # Design standards and procedure updates
- 4) Continual improvement:
 - # Provide guidance and training in particular PWD personnel
 - # Improvement in compliance (audit)
 - # Increased efficiency and effectiveness
 - # Responsiveness of reporting
 - # Customer satisfaction improvement
- 6) Demonstration of the PWD image and value standards
 - # Cooperative team
 - # Efficient and effective teams that are OH&S and environmentally aware

Duties / Responsibilities (Describes key competencies required to achieve performance levels)

Competence

Competence Description

Business

Risk Management	Develop a risk management plan.
Planning	Develop a detailed work plan to achieve specified objectives.
Resource Management	Schedule resources over multiple work teams or units to maximise their effectiveness and achieve objectives; monitor the outcomes.
Systems and Procedures	Undertake defined modifications/reviews to procedures; draft manuals/instructions.

Customer

Customer Commitment	Seek, act upon, and follow through on customer feedback regarding products or services provided.
Relationship Building	Formalise business relationships through partnerships or agreements of mutual benefit e.g. service provision.
Quality Focus	Develop quality standards for the organisation.

People

Team Orientation	Assemble teams with different talents, interests and background to create synergy.
Facilitation	Ensure work delegated is completed in an effective and timely manner, accepts accountability.

Professional

Technical Strength	Develop the technical solution for a situation using fundamental principles and theory - technical adviser.
Research	Establish a research plan/brief incorporating the research methodologies, limitations and implications of the results.

Operational

Health and Safety	Monitor and design effective and efficient safety programs, policies, or procedures used in multiple locations.
Environment	Monitor and design effective and efficient environmental protection programs, policies or practices used in multiple locations.

Interactions

External	<ul style="list-style-type: none"> Auditors Suppliers Landowners Provincial Councils' General Public Contractors
Internal	<ul style="list-style-type: none"> Management team All staff Regional and Headquarters

Person Specifications:

Qualifications

Preferred

Degree	Civil Engineering
Higher Degree incl. Post Grad Cert or Dip	Asphaltic Concrete design

Desirable

Higher Degree incl. Post Grad Cert or Dip	Project management &/or contract law
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Requirements

Language Proficiency

Excellent command of English

Professional Associations

Membership of Professional Engineers Institute (recognised)

Regulatory Compliance Requirements

Drivers Licence

Work Knowledge and Experience

Laboratory and field testing

Contract management or contractor experience necessary

AC road construction and/or rehabilitation essential - design, production, laying and testing

A competent engineer is likely to have over 3 years experience in construction and project management

Personal Attributes :

Attribute Type

Attribute

Behavioural

Accountable
Detail Oriented
Experimenter

Interpersonal

Forthright
Self Sufficient and Assured

Thinking

Challenger
Decisive
Disciplined / Systematic
Well Organized

How to apply:

Closing Date: Friday, 6 November, 2009