

JOB ROLE STATEMENT

TECHNICAL OFFICER – MATERIALS LEVEL 3

DIRECTORATE
BRANCH

CENTRAL AND NORTHERN REGIONS
GOLDFIELDS - ESPERANCE

CATEGORY 1
POSITION NO P0060745

KEY RESPONSIBILITIES

Perform field and laboratory testing on a broad range of road and bridge construction materials. Locate and prove up potential source of suitable road construction materials.

KEY DELIVERIES

Materials Advice and Support

- Assist in provision of advice to Project Managers, other Main Roads' delivery staff and external customers on pavements and surfacings including materials properties, materials handling, testing requirements and construction techniques.

Materials Location and Testing

- Locate and evaluate natural materials for road construction and maintenance including arranging 'Notice of Entry' for materials investigation and extraction.
- Perform field and laboratory testing on a broad range of soils, concrete and road surfaces in accordance with the relevant test procedures.
- Collate and maintain records of materials location and characteristics and testing.
- Assist in pavement, surfacing and geotechnical investigations and analysis.
- Participate in the implementation of appropriate new technologies and processes.
- Check, validate and operate field and laboratory instruments and equipment.
- Assist in training and development of junior materials employees.
- Assist in maintaining NATA accreditation.

Materials Review and Audit

- Perform audit tests and assist in more-complex procedural audits of internal and external laboratories.
- Participate in the review of design briefs and of consultant and contractors materials performance.
- Undertake surveillance and audit of consultants and contractors materials activities to ensure compliance with testing and construction processes.

Stakeholder Relationships

- Undertake consultation and liaison with stakeholders (e.g. project and contract managers, landowners, other agencies, contractors, consultants).

SAFETY, HEALTH AND WELLBEING (SHW)

Responsible for active participation and performance to SHW standards as detailed by the Main Roads' Safety, Health and Wellbeing (SHW) Management System - refer to "SHW Roles and Responsibilities Procedure" on 'iRoads' intranet.

LOCATION

Main Roads is a regionalised organisation with key delivery centres operating from the Kimberley to the Great Southern regions, including the metropolitan area. The incumbent of this position may be required to undertake a role in a region for a period of time.

DYNAMIC RESOURCING

The incumbent of the position may be required to perform any other role within the incumbent's level of skill, competence and responsibility as directed by the Managing Director of Main Roads to meet the organisation's objectives and the incumbent's development.

REPORTING RELATIONSHIPS

This position reports to:

(A) TITLE AND LEVEL
MATERIALS MANAGER

LEVEL 5

POSITION NO
P0054240

