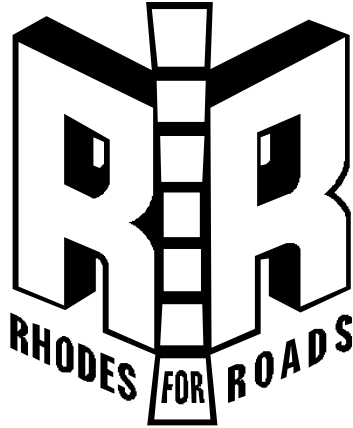


QUALITY PLAN

INTRODUCTION

Project:



QUALITY PLAN

FOR

PROJECT:

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CUSTOMER:

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PREPARED BY:

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APPROVED BY:

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SIGNED:

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SIGNED:

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DATE:

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WARWICK RHODES CONTRACTORS LTD

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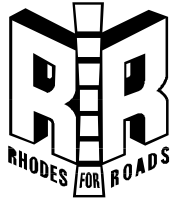
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QUALITY PLAN

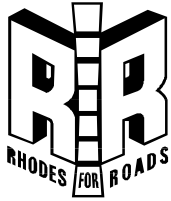
INTRODUCTION Project:



TABLE OF CONTENTS

SECTION	ISSUE	DATE	SUB-SECTION
A Introduction	1		Title Page Table of Contents Scope
B Management	1		Key Personnel and Responsibilities
C Resources	1		Inspection and Test Equipment Approved Purchases Subcontractors General Purchases
D Permits and Consents	1		Services Transport Property / Land Entry Environmental
E Health and Safety	1		Health and Safety Plan Key Areas
F Inspection and Test Plan	1		Title Page Scope Schedule of Requirements
G Documentation	1		General Drawings and Specifications Methodologies Programs Quality Control Records Quality Assurance Records Reports Appendices

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QUALITY PLAN

INTRODUCTION

Project:



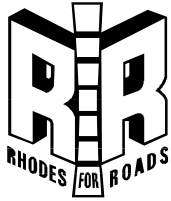
SCOPE

The purpose of this Quality Plan is to provide a navigational chart and audit trail to ensure that Warwick Rhodes Contractors Ltd, in its provision of products and services, for this project, does so in a manner that conforms to regulatory requirements and meets the customers specified needs.

The scope of this Quality Plan is project specific. Its content is summarized in its Table of Contents, which indicates that in addition to Quality, it covers Health and Safety, together with any relevant Environmental, Regulatory or other External requirements.

Company Policy Statements may be included as Appendix 1 of this Quality Plan.

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QUALITY PLAN

MANAGEMENT

Project:



KEY PERSONNEL AND RESPONSIBILITIES

CONTRACT MANAGER

- Liaison with the Engineer on all matters of contract dispute or resolution.
- Decisions on corrective and preventative actions to rectify defective work or practices.

PROJECT MANAGER

- Management of project administration and accounting.
- Financial reporting.
- Liaison with Engineers Representative and project personnel.
- Programming and planning of resources for operations and quality.
- Management and control of all project operations including subcontractors.
- Ensuring compliance with relevant policies and procedures in the Quality plan.
- Complying with all health, safety and legal requirements (including the latest Resource Management Act, Health and Safety in Employment Act, Health and Safety in Employment Regulations and Codes of Practice).
- Liaison with Quality Manger to ensure inspections and tests are conducted and records maintained according to the Quality Plan and/or specific requirements of the Contract.
- Reviewing this Quality Plan (which includes a Health and Safety Plan).
- Control and filing of all Quality Document Records.
- Preparation of progress claims including measure-ups and as-builts.

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QUALITY PLAN

MANAGEMENT

Project:



CONTRACTORS SITE REPRESENTATIVE _____

- Receiving and acting upon all Site Instructions.
- Control of physical work on site.
- On site Quality Control.
- Complying with all Permit and Consent conditions
- Maintaining the Daily Site Dairy.

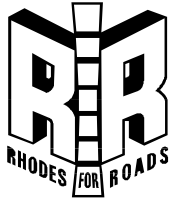
QUALITY MANAGER _____

- Managing and co-ordinating the Quality Plan including review and any required changes.
- Verifying that all, work tasks, inspections and tests are completed and are effective, and that records are maintained according to the requirements established in the Quality Plan.
- Quality Assurance testing. Undertaking verification tests and inspections and managing and co-ordinating those done by others.
- Certifying all Quality Plan documentation.

SAFETY SUPERVISOR _____

- Implementation of the Safety Plan, its related inspections, reviews and records.
- Act as Traffic Control Supervisor and implement the Traffic Management Plan to ensure the safe passage or traffic at all times.
- Implement Site security requirements.

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QUALITY PLAN

MANAGEMENT
Project:



SAMPLING & TESTING PERSONNEL _____

- Assisting the Quality Manager with on and off site sampling and testing as required by the Quality Plan and/or specific requirements of the Contract.
- Assisting Certified Laboratory personnel with sampling and testing.

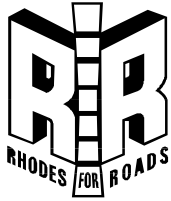
CERTIFIED SIGNATORY _____

- Supervising or undertaking any required certified sampling and testing.

CLIENT / CUSTOMER REPRESENTATIVE _____

- Issuing of site instructions, which do not vary the contract except where such instructions require urgency.
- Issuing other instructions through the Contract Manager.

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QUALITY PLAN

RESOURCES

Project:



INSPECTION AND TEST EQUIPMENT

All instruments and measurement devices used will be calibrated to the manufacturer's specification to a regular program, which matches the technical requirements.

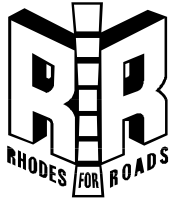
The following test equipment will be used to ensure compliance with the project tolerances.

Equipment

Construction / Resource Item

Where required by the Inspection and Test Plan, certified sampling and testing shall be undertaken by a Certified Laboratory.

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QUALITY PLAN

RESOURCES Project:



APPROVED PURCHASES

Important or special materials and services are purchased from Warwick Rhodes Contractors Ltd "Approved Suppliers" through Purchase Orders. They will be inspected and tested according to the requirements.

Suppliers will provide the appropriate inspection certificates, test certificates and Material Safety Data Sheets, when required, and their performance will be regularly monitored to ensure the standard of materials and services provided comply with project specification.

The following outlines the suppliers with respect to the materials they are approved to supply for this project:

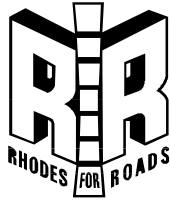
Materials or Services

Approved Supplier

These materials will be ordered to the specification requirements and will be inspected before acceptance. Acceptance will only be given with accompanying complying test results and / or production certificates as appropriate.

They will be inspected prior to incorporation into the works to ensure that no damage has occurred during storage and handling. Any defects will be repaired and the location of any repaired materials will be noted on the appropriate quality control sheet.

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QUALITY PLAN

RESOURCES Project:



SUBCONTRACTORS

Material supplies and services that Warwick Rhodes Contractors Ltd is unable to undertake and considers to be critical to the project will be carried out by subcontract.

Warwick Rhodes Contractors Ltd will enter into a formal subcontract agreement that will detail the:

- Location of the work.
- Description of what is to be done.
- Standards that are to be achieved
- Quality Planning (including Health and Safety) responsibilities.
- Contract period and accepted work program.

The following outlines the suppliers and subcontractors with respect to the services they are approved to supply:

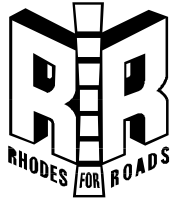
Services or Materials

Approved Subcontractor

All materials supplied by subcontractors will be subject to at least the same inspection and testing and acceptance procedures as those supplied through a Purchase Order.

All work undertaken by subcontractors will be subject to the same degree of quality and safety management as work undertaken by Warwick Rhodes Contractors Ltd.

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QUALITY PLAN

RESOURCES

Project:



GENERAL PURCHASES

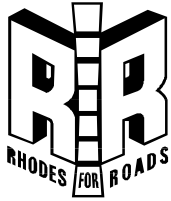
Other purchases for the project will be:

- Ordered to the relevant specification
- Received with supplier's certification and Material Safety Data Sheets.
- Stored securely at Warwick Rhodes Contractors Ltd's, or the suppliers, or relevant subcontractor's premises until incorporated into the work.

All such purchases will be:

- Inspected before acceptance.
- Taken into storage and issued to the project as required.
- Inspected prior to incorporation into the works to ensure that no damage has occurred during storage and handling.

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QUALITY PLAN

PERMITS AND CONSENTS

Project:



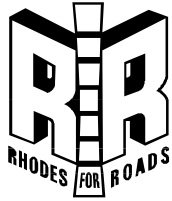
UTILITY COMPANY AND LOCAL AUTHORITY SERVICES

Prior to commencing operations, the appropriate authorities will be consulted to confirm those services, which could influence or be affected by the works. The authorities will be requested to locate or identify those services, which may be underground cables, ducts, pipes and chambers or overhead cables and structures and to issue any required Permits / Consents not already granted to the Customer.

Effectuated services are listed below:

Service	Effect	Consult Yes/No	Permit or Consent Yes/No	Action By - Customer or R4R
Telephone				
Electricity				
Gas				
Water				
Sewage				
Stormwater				
Survey				

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QUALITY PLAN

PERMITS AND CONSENTS

Project:



TRANSPORT

To comply with the Road Transport Act, prior to commencing operations transport and traffic regulations and the appropriate authorities will be consulted to confirm any conditions and to issue any required Permits / Consents not already granted to the Customer.

Effected traffic issues are listed below:

Issue	Effect	Consult Yes/No	Permit or Consent Yes/No	Action By - Customer or R4R
Road Closure				
Construction Zone				
Road Crossing				
Overweight Loads				
Oversize Loads				
Hazardous Loads				

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QUALITY PLAN

PERMITS AND CONSENTS

Project:



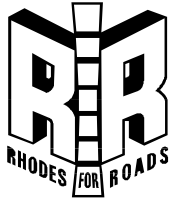
PROPERTY / LAND ENTRY

Prior to commencing operations the owners and leasees of any property / land effected by the works will be consulted and requested to issue any required Permits / Consents not already granted to the Customer.

Effected services are listed below:

Service	Effect	Consult Yes/No	Permit or Consent Yes/No	Action By - Customer or R4R
Road Access				
Bridge Crossing				
Dumping				
Land Severence				

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QUALITY PLAN

PERMITS AND CONSENTS

Project:



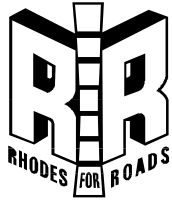
ENVIRONMENTAL

To comply with the Resource Management Act and the company environmental policy, prior to commencing operations the appropriate authorities will be consulted to confirm any environmental conditions required for the works and to issue any required Permits / Consents not already granted to the Customer.

Effected services are listed below

Issue	Effect	Consult Yes/No	Permit or Consent Yes/No	Action By - Customer or R4R
Vegetation Clearance				
Earthworks				
Dump Sites				
Borrow Sites				
Stockpile Sites				
Fuel Storage				
Water Extraction				
Water Discharge				

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QUALITY PLAN

HEALTH AND SAFETY Project:



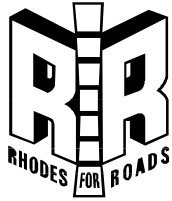
HEALTH AND SAFETY PLAN

The format of the Health and Safety Plan, attached as Appendix 3, shall enable a ready identification of all key issues relevant to the project. It shall provide for the allocation of responsibilities and where applicable shall utilize and/or make reference to the following essential elements.

- Company Policies and Guidelines.
- Hazard and Potential risk identification.
- Solutions to eliminate isolate and control the identified hazards.
- Traffic Management Plan
- Management and Inspection Plan.
- Recording and investigation of accidents and incidents
- Emergency Preparedness Plan
- OSH and ACC requirements

Prior to their commencement of work on the site both the Warwick Rhodes Contractors Ltd and Sub- contractor workforces shall attend a meeting to be fully briefed on the Health and Safety Plan.

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QUALITY PLAN

HEALTH AND SAFETY

Project:

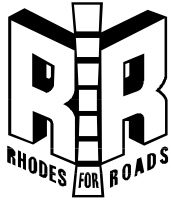


KEY AREAS

In preparing the Health and Safety Plan the following key areas will be reviewed:

- Health and Safety in Employment Act and Regulations.
- Authority Approvals / Requirements.
- Employee skills and qualifications.
- Employee training.
- Employee health.
- Personal protective equipment.
- Workplace layout and site buildings.
- Workplace access and security.
- Material storage and handling, particularly hazardous materials.
- Site hygiene and rubbish removal.
- Work procedures and their inherent hazards.
- Control and disposal of wastes and contaminants.
- Mechanical, electrical and fire hazards.
- Plant and equipment hazards.
- Public safety.
- Etc. Etc.

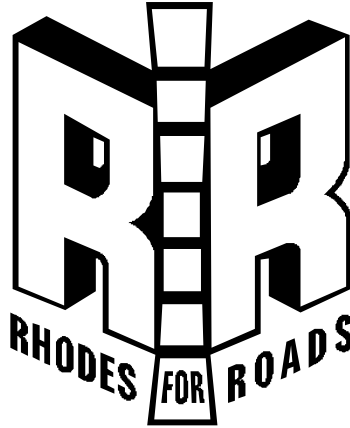
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QUALITY PLAN

INSPECTION AND TEST PLAN

Project:



INSPECTION AND TEST PLAN

FOR

PROJECT: _____

CUSTOMER: _____

PREPARED BY: _____

APPROVED BY: _____

SIGNED: _____

SIGNED: _____

DATE: _____

DATE: _____

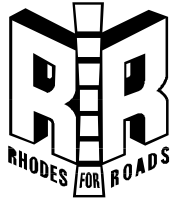
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QUALITY PLAN

INSPECTION AND TEST PLAN

Project:



SCOPE

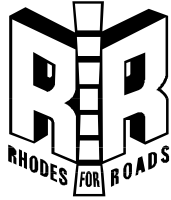
The purpose of this Inspection and Test Plan is to set out the specific quality practices required to meet our Customer's Specifications.

Warwick Rhodes Contractors Ltd is committed to actively pursue, implement, and maintain systems that meet specified performance criteria.

The inspection and test Plan for this Quality Plan is the Schedule of Requirements set out in a standard format on the following pages.

It may be utilized as a stand-alone document, by combining it with selected elements of the Quality Plan structure under the cover of the previous Title Page enclosed for that purpose.

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QUALITY PLAN

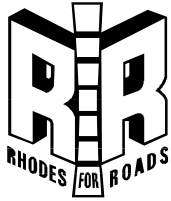
INSPECTION AND TEST PLAN

Project:



SUB-ACTIVITY	CONTROL REQUIRED	TEST METHOD	NO. OF TEST REQUIRED	SPECIFIED REQUIREMENT	TESTING DONE BY	COMMENTS	DATE COMPLETED

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QUALITY PLAN

Documentation
Project:



GENERAL

The following records and those referred to in other sections of this Quality Plan will be collected, maintained and filed as applicable to the works, to meet the requirements of the project specification.

Daily Job Record

This form will be used to record source consumption for the project on a daily basis. It may also be used to record production output and delays and form the basis of any dayworks claims for the project. Completion is the responsibility of the individual or the Site Representative, as applicable to the project.

Daily Site Diary

To be completed in addition to the Daily Job Record when more detailed records are required for production, variations, dayworks, delays, weather conditions, site conditions, resources and other personnel on site each day.

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QUALITY PLAN

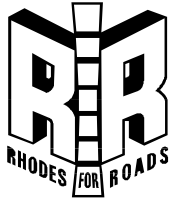
Documentation
Project:



DRAWINGS AND SPECIFICATIONS

The following Drawings and Specifications will be followed during the course of this project but are not appended to this Quality Plan.

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QUALITY PLAN

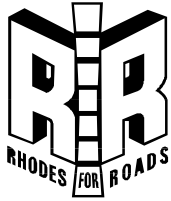
Documentation
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METHODOLOGIES

The following methodologies will be followed during the course of this project and are included in Appendix 4 of this Quality Plan.

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QUALITY PLAN

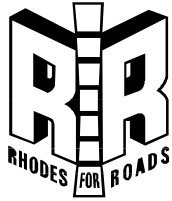
Documentation
Project:



PROGRAMS

The following Work Programs will be drawn up, followed, monitored and updated as required and are included in Appendix 5 of this Quality Plan.

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QUALITY PLAN

Documentation
Project:



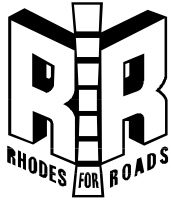
QUALITY CONTROL RECORDS

Quality Control Check Sheets

These sheets are to be used to record the results of the continuous production related inspection and testing, required by the Inspection and Test Plan, which is to be undertaken to check if various steps and phases of the work are completed to the required standard.

The following QC Check Sheets will be used during the course of this project and are included in Appendix 6 of this Quality Plan.

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QUALITY PLAN

Documentation
Project:



QUALITY ASSURANCE RECORDS

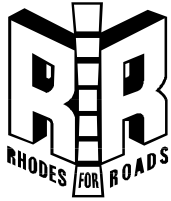
Quality Assurance Forms

These forms are to be used to record the results of the inspection and testing, required by the Inspection and Test Plan, which is to be undertaken at intervals during the project, to verify that the Quality Control measures of Warwick Rhodes Contractors Ltd and its Suppliers are being completed and are effective.

These records will supplement the more continuous production related Quality Control information.

The following QA forms will be used during the course of this project and are included in Appendix 7 of this Quality Plan.

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QUALITY PLAN

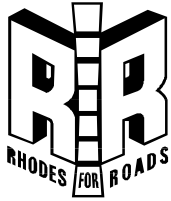
Documentation
Project:



REPORTS

The following reports will be produced as and when required for this project and where appropriate their format is included in Appendix 8 of this Quality Plan.

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QUALITY PLAN

Documentation
Project:



APPENDICES

The appendices listed below are attached following this page:

1. **Company Policy Statement**
2. **Permits and Consents**
3. **Health and Safety Plan**
4. **Methodologies**
5. **Programs**
6. **Quality Control Records**
7. **Quality Assurance Records**
8. **Reports**

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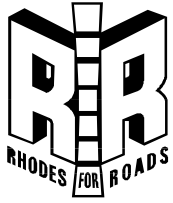


QUALITY PLAN

Appendix 1 – Company Policy Statement
Project:



COMPANY POLICY STATEMENT

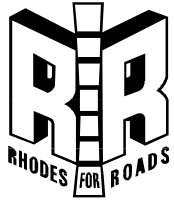


QUALITY PLAN

Appendix 2 – Permits and Consents Project:



PERMITS AND CONSENTS

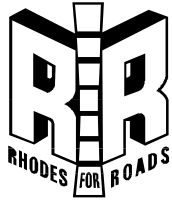


QUALITY PLAN

Appendix 3 – Health and Safety
Project:



HEALTH AND SAFETY

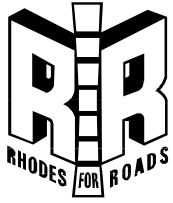


QUALITY PLAN

Appendix 4 – Methodologies
Project:



METHODOLOGIES

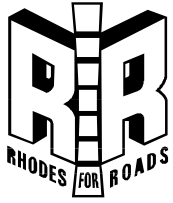


QUALITY PLAN

Appendix 5 – Programs
Project:



PROGRAMS

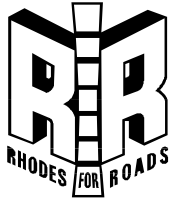


QUALITY PLAN

Appendix 6 – Quality Control Records
Project:



QUALITY CONTROL RECORDS

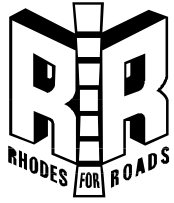


QUALITY PLAN

Appendix 7 – Quality Assurance Records
Project:



QUALITY ASSURANCE RECORDS



QUALITY PLAN

Appendix 8 – Reports
Project:



REPORTS