

Assessment task 4

BSBPMG513A (505A)

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Introduction

Purpose of assessment

This assessment task addresses the skills and knowledge required to manage quality within construction projects. It covers determining quality requirements, implementing quality assurance processes and using review and evaluation techniques to make quality improvements in current and future projects.

This assessment task accounts for 30% of total assessment.

Assessment task

Read the case study and using the skills and knowledge you obtained during study in this unit develop a quality management plan for the project. The plan must include all the information and documents discussed in Section 1.15 including agreed quality requirements in the project plan. You will also need to develop appropriate questionnaires and survey tools.

The format of the plan is up to you however, it must provide all the required information in an appropriate manner and logical sequence.

Quality management plan

Document Acceptance and Release Notice

This is version 1 of Four shops with two floors of eco-friendly apartments Quality Management Plan.

PREPARED: _____ Date: ____ - ____ - ____
(for acceptance)

ACCEPTED: _____ Date: ____ - ____ - ____
(for release)

Overview

Constancy of purpose

The purpose of the Quality Management Plan is to detail how the quality processes for this project will be implemented to ensure that the overall project outputs are delivered as expected. This will be achieved by ensuring that all project management processes are

conducted under quality assurance and by developing quality criteria for the quality control of outputs.

This document is to be read in conjunction with the Four shops with two floors of eco-friendly apartments Project Plan and will be reviewed and amended to meet changed conditions or objectives during the project's life span.

In this project, construction of four shops with two floors of eco-friendly apartments will be established after the demolition of an existing petrol station, car service bays and a tyre repair workshop on the site.

Subcontractors

The subcontractors are responsible for demolition part, project audit within this project. The budgets should be matched industrial standards.

Permits

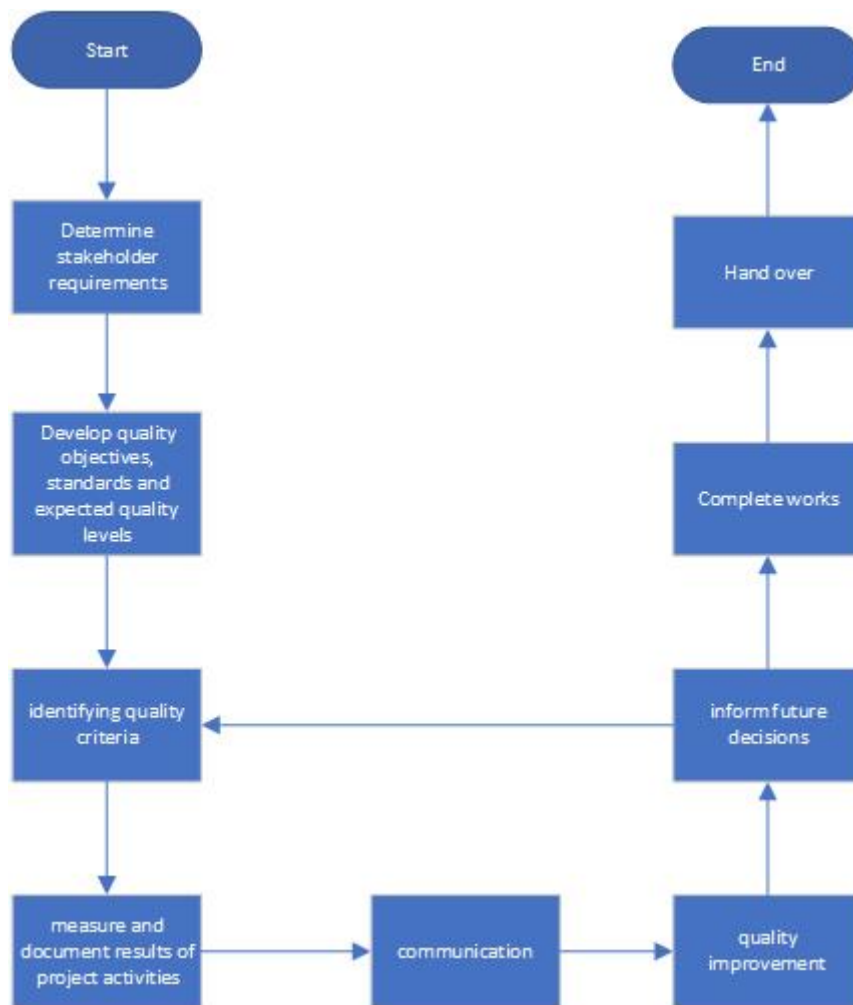
Before the initialisation of this project, project leader should make sure all the required permits are acquired.

Quality Management Plan Components

To achieve this, the Four shops with two floors of eco-friendly apartments Quality Management Plan includes the following components:

- Quality Control - via the development of quality outputs
- Quality Assurance - to ensure quality project management processes. And the quality outcomes are achieved.
- Quality Improvement – review points to assess and improve quality where possible.

Process diagram



Project Quality Assurance

Quality Assurance for the Four shops with two floors of eco-friendly apartments Project will be achieved by defining the relevant quality project management processes that will be applied.

Methodologies and Standards

To ensure that the Project is managed to an appropriate level of quality following methodologies and standards will be utilised:

- ISO 9000 quality management system
- AS/NZ 4360:2004 Risk Management
- Relevant business domain driven standards
- Development guild from Victorian Government available at vpssc.vic.gov.au

Quality Objects

- Ensure the construction follows the project descriptions
- Ensure the outputs are same as documentation requirements

- Specify documentation requirements
Specify how to evaluate and select suppliers based on criteria for selection, evaluation and re-evaluation

Quality Review

Project Evaluation and Review

Considering the goal of quality management is being undertaken effectively in a project, there will areas identified for improvement by regular onsite reviews. The review not only check the output of development processes but the project quality improvements.

Daily review

The onsite supervisors should write down incidences and minor problems that do not following the documents

The weekly review

The managers should review the reports from supervisors.

Review Details

Each review will cover:

- Review of project performance against the defined project target outcomes; if the performance is lower than expected, try to find out the causes and apply the changes to the related parties.
- A review of the processes used to produce the outputs; if the process has significant negative impacts on the project deliveries, try to find out the problems and change the process.
- Lessons learnt from the project; the previous improvements should also be monitored.
- Opportunities for improvement

Management of changes to project scope

The managers are responsible for anticipating and planning for possible changes through the quality review processes.

The managers are responsible for tracking issues through the quality review processes and signing off on changes.

The managers are responsible for reflecting the changes within the scope of further part.

Role of Project Quality Consultants

Quality consultants in this project have different responsible:

- Legal issues related to the review of contractual documents especially consider the shops in surrounding area.
- The auditors who report on the project's compliance with internal and external audit requirements.
- The stakeholders' interests are being appropriated managed and represented in this project

- Issue the certifications.

Quality surveys

	Quality Scale	Comments
Design/Build: Original Contract Plans, Specifications, and Special Provisions		
Traffic Control Plan		
Erosion & Sedimentation Control Plan		
Foundation Design		
Roadway Plans		
Structure Plans		
Right of Way Plans		
Accuracy of quantities		
Number of work orders required		
Type of work orders required		
Design errors and omissions		
Overall assessment of the construction plan quality		
	Poor = 1 Average = 2 Good = 3 Excellent = 4	