

COSTPCBCB24.1-B24.2

Manage project risks and impacts in planning, conservation and building control



Overview

This unit concerns the planning and monitoring of projects. It is about ensuring that risk management is effectively carried out. You will need to be able to identify and assess project risks, and suggest ways of managing them. You will need to be able to demonstrate that you are able to identify appropriate risk management methods for the circumstances.

COSTPCBCB24.1-B24.2

Manage project risks and impacts in planning, conservation and building control

Performance criteria

Ensure that project risks and impacts are assessed

- You must be able to:*
- P1 review project **information** in order to identify **risks and impacts** that arise from the project
 - P2 ensure that sufficient information on any **risks and impacts** relating to the project is obtained in order to identify their **significance**
 - P3 ensure that significant **risks and impacts** of potential projects are assessed
 - P4 check and confirm that **risk management** processes are undertaken

Ensure that methods and procedures to manage project risks are specified and implemented

- You must be able to:*
- P5 confirm that accurate details of the **risks and impacts** have been obtained
 - P6 ensure that the most effective **risk management methods** and procedures to manage **risks** are selected that comply with all relevant regulations and guidelines
 - P7 ensure that the **resources** that are necessary to implement the **risk management methods** are identified
 - P8 ensure that the activities required to implement the **risk management methods** are identified
 - P9 ensure that the procedures to implement the **risk management methods** are specified clearly
 - P10 ensure that the **risk management methods** and procedures are implemented and modified to meet changing circumstances

COSTPCBCB24.1-B24.2

Manage project risks and impacts in planning, conservation and building control

Knowledge and understanding

Ensure that project risks and impacts are assessed

You need to know and understand:

- K1 how and why to review project **information** in order to identify **risks and impacts** that arise from the project (analysis)
- K2 how to ensure that sufficient information on any **risks and impacts** relating to the project is obtained in order to identify their **significance** (application)
- K3 how to ensure that the significant **risks and impacts** of projects are assessed (application)
- K4 how to check and confirm that **risk management** processes are undertaken (application)

Ensure that methods and procedures to manage project risks are specified and implemented

You need to know and understand:

- K5 how to confirm that accurate details of the **risks and impacts** have been obtained (application)
- K6 how to ensure that the most effective **risk management methods** and procedures are selected (evaluation)
- K7 how to ensure that the **resources** and activities required to implement **risk management methods** are identified (application)
- K8 how to ensure that **risk management methods** and procedures are implemented and maintained (application)
- K9 how to ensure that the procedures for implementing the **risk management methods** are specified clearly (application)
- K10 how to ensure that **risk management methods** and procedures are modified to meet changing circumstances (application)

COSTPCBCB24.1-B24.2

Manage project risks and impacts in planning, conservation and building control

Scope/Range

Ensure that project risks and impacts are assessed

- 1 Information:**
 - 1.1 environmental
 - 1.2 statutory and legal requirements
 - 1.3 client, user and community requirements
 - 1.4 construction and technical requirements
 - 1.5 site constraints
 - 1.6 finance, procurement and contract
 - 1.7 quality
 - 1.8 cost
 - 1.9 timescale
 - 1.10 historic significance
- 2 Risks and impacts:**
 - 2.1 health, safety and welfare
 - 2.2 carbon use
 - 2.3 complexity and scope
 - 2.4 consents
 - 2.5 team composition
 - 2.6 budget
 - 2.7 business resources
 - 2.8 business
 - 2.9 technical considerations
 - 2.10 timescale
 - 2.11 contract form
 - 2.12 maintenance and communication of information
 - 2.13 innovation
 - 2.14 quality
 - 2.15 natural, historic and built environment
 - 2.16 community
 - 2.17 users; public and third parties
- 3 Significance:**
 - 3.1 likelihood
 - 3.2 severity/impact
- 4 Risk Management:**
 - 4.1 risk identification
 - 4.2 risk assessment
 - 4.3 prevention, reduction and protection
 - 4.4 risk register and reporting

Ensure that methods and procedures to manage project risks are

COSTPCBCB24.1-B24.2

Manage project risks and impacts in planning, conservation and building control

specified and implemented

5 Risks and impacts:

- 5.1 health, safety and welfare
- 5.2 carbon use
- 5.3 complexity and scope
- 5.4 consents
- 5.5 team composition
- 5.6 budget
- 5.7 business resources
- 5.8 business
- 5.9 technical considerations
- 5.10 timescale
- 5.11 contract form
- 5.12 maintenance and communication of information
- 5.13 innovation
- 5.14 quality
- 5.15 natural, historic and built environment
- 5.16 community
- 5.17 users; public and third parties

6 Risk management methods:

- 6.1 elimination/minimise risks
- 6.2 control risks at source
- 6.3 cumulative protection
- 6.4 mitigation
- 6.5 allocation of responsibility
- 6.6 contingency planning

7 Resources:

- 7.1 human
- 7.2 plant and equipment
- 7.3 budget
- 7.4 time
- 7.5 information
- 7.6 physical
- 7.7 skills

COSTPCBCB24.1-B24.2

Manage project risks and impacts in planning,
conservation and building control

Developed by ConstructionSkills

Version Number 1

Date Approved March 2012

Indicate review date March 2018

Validity Current

Status Original

Originating organisation ConstructionSkills

Original URN COSTPCBCB24.1-B24.2

Relevant occupations Town planners; chartered surveyors (not quantity surveyors); building inspectors; construction project manager and related professions

Suite Town Planning, Conservation and Building Control

Key Words Project; risk management
