



STANDARDS OF CONSTRUCTION

Approved: Brad Fish
Chief Executive Officer

Date: 1 / 11 / 2006

Considered by the Board at the July 2006 Board meeting (Board minute 4869).

PURPOSE:

To provide guidance for the determination of an appropriate standard for construction undertaken on behalf of PCQ to ensure PCQ meets requirements of customers in the provision of safe, cost effective, functional and competitive port services.

POLICY FRAMEWORK:

PCQ must ensure assets constructed are fit for purpose, cost effective, meet needs of customers and produce minimal environmental effects while ensuring a safe workplace.

APPLICATION:

This policy applies to all construction undertaken by or on behalf of PCQ.

POLICY:

PCQ undertakes construction only where a clear need has been identified and quantified by PCQ in liaison with stakeholders. In order to ensure appropriate outcomes in respect of construction, PCQ will:

- have a predetermined and measurable outcome, for example tonnage per annum
- define the scope of works
- clearly define responsibilities for management of the construction
- meet all legislative requirements including statutory regulations and environmental standards
- meet commonly accepted industry standards and include available improvements thereupon
- meet standards of good work and design
- establish a predetermined completion date
- clearly outline the obligations of parties involved in the construction
- ensure appropriate insurances and warranties are in place

The determination of an appropriate standard of construction may necessitate consideration of issues such as:

- environmental performance both during construction and after commissioning
- structural performance
- statutory compliance
- workplace health and safety issues
- security
- whole of life cost effectiveness
- incorporation of users' site standards
- execution of works with minimal disruption of port operations
- durability in marine environment
- life of structure/ operational life
- projected expansion and provision to upgrade
- consequences of failure versus build costs
- simple integration with existing port facilities
- Australian and International Standards
- risk management

This list is not exhaustive and other considerations may arise in relation to particular projects.

Technology

PCQ will use the latest proven technology appropriate for an application in accordance with the considerations noted above. PCQ may research and develop new technologies where current technologies do not meet required standards.

PROCEDURAL IMPLICATIONS:

Related policies:

- Maintenance of Port Facilities
- Engagement of Contractors/Consultants
- Evaluation of Projects
- General Insurance
- Risk Management
- Environment.

REVIEW DATE:

This policy should be reviewed by July 2011.