

---

**BAPE-16.4**

---

**Référence:**

16. L'aspect visuel

**Demande ou Question:**

16.4 Quels professionnels de l'architecture ont participé / participeront à l'élaboration de la jetée et du quai d'amarrage : architectes ? architectes paysagistes, designers ?

16.4.1. Sur quelles normes ou informations techniques vous êtes-vous basés pour sa conception ?

16.4.2. Quelles recherches techniques et esthétiques ont été faites pour la mitigation de leur impact visuel ?

16.4.3. En quoi consiste cette mitigation ?

**Réponse:**

16.4 The jetty and docking facilities are designed by engineers with the objective of ensuring their structural integrity and safety. However, the Canadian and international practice in the design of nearshore and offshore marine terminals has evolved over many decades in all disciplines, including aesthetic impact for the surrounding population as well as the crew working in the terminal. Feedback from neighbours and terminal staff forms the foundation for improving engineering designs to take aesthetic factors into consideration. Architects and landscape designers are not typically involved in the design development of these marine structures.

16.4.1. The design of the marine structures and facilities are be based on Canadian standards for the design of LNG terminals. The Canadian standards are in line with the standards in the United States and other international standards. Visits to existing facilities in a number of countries have been made to establish best practices with respect to design. Refer to QC-002 for more details regarding applicable engineering standards.

---

**BAPE-16.4**

---

16.4.2 Evolving design practice for minimizing visual impact, such as in the selection of paint and material coating, will be followed. Visits to existing facilities have also yielded a collection of preferred design concepts for mitigating visual impact.

16.4.3 Visual impact mitigation consists of a number of considerations, including glare reduction, colour similarity to surrounding features, high resistance against visible damage and minimal degradation over time.

As the terminal design is finalized, and as construction moves to completion, Cacouna Energy will dialogue with the Community Liaison Committee to develop consensus on appropriate visual aesthetic mitigation measures for the site and facilities, including the marine facilities.