

PORT OF NAPIER Lighting Towers

Overview

As part of the Port Of Napier expansion an additional 5 x 33 metre high lighting towers were required by the client to illuminate the newly reclaimed land which is to be used for container storage.

Patton's Involvement

After winning a competitive tender for the manufacture and installation of the 5 towers, Patton Engineering were able to apply their expertise in fabricating, surface finishing, delivering and installing the towers to the client's time frame.

Materials

The tower columns were fabricated from spiral wound pipe sourced direct from Steel Pipes NZ. The remainder of the steel fabrication, including the crow's nest of top of the tower, utilised standard sections as well as custom profiles.



The towers were finished with a sophisticated 3 coat corrosion protection system required for the coastal marine environment, which is expected to provide 25 years of continuous service.

One feature of the towers was to install a proprietary Railock Fall Arrester System for the personal protection of those using the tower.

Our Comment

This was a successful project for both Patton Engineering and the Port of Napier being completed within a tight timetable while providing some challenges in the handling of the 33m tall structures.

Client

Port of Napier
Ben Norris
PO Box 947
Napier 4140