

CASE STUDY

Utilities & Power

Project Specs

Location: Québec, Canada

Application: Maintenance Platform and Roof Access Ladder

Product: Dynarail® Railing and Ladder System, Dynaform® Structural Shapes

Overview

This Power facility required an air conditioning maintenance platform and a safe way to access the roof. Guardrails were also necessary to protect workers from a fall or accident while also providing a large enough space to accommodate tools and maintenance equipment.

Fibergrate supplied and installed a ladder system that led to a platform. The platform had a second ladder leading to the roof. Guardrails were also installed to meet safety requirements.

Requirements:

- Increased worker safety
- Non-conductive
- UV resistant
- Low maintenance
- Slip resistant
- Turn key solution

Problem

Due to this unique high voltage environment, special safety equipment and procedures were put in place. In addition, highly specialized security expectations had to be abided by at all times. It was essential for this project to have a turnkey solution that was maintenance-free, slip resistant and increase overall worker safety. The project also needed to be completed by a company well versed in non-conductive rooftop structures.

Solution

Fibergrate exceeded expectations in the quality of system, delivery and installation. The recommended solution was fabricated, delivered and installed within a three-week window. Choosing the Fibergrate FRP solution, the client avoided potential safety concerns, including slippery surfaces, conductivity issues and grounding a new system, which would require additional labour and maintenance, resulting in higher costs.



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