



# Case Study

FRIEM: young since 1950

## CHALLENGES

This project for a remote site in Quebec, was meant to replace an old rectifier and coupling with existing transformer. This mission came with significant technical challenges to overcome in a demanding environment.

### Key metrics Rectifier

22 KA



1120V DC

6 PULSES

## SOLUTIONS PROVIDED



**Demanding environment**



**Detailed engineering**



**Installation and start-up**



[www.friem.com](http://www.friem.com)



Via Thomas Alva Edison, 1,  
20090 Segrate MI

1

**For Aluminium smelting process**  
coming from its oxide, alumina

2

**Installation and start-up**  
managed by FRIEM team

3

**Diode rectifier**

High reliability and performances over the entire life cycle