



Scope of the project:

- ✓ Connection box COQ installation
- ✓ Security relay
- ✓ Approx. 420 m high voltage cable
- ✓ Approx. 840 m signal cable
- ✓ Dry Transformer 2000 KVA
- ✓ Cubic low voltage divider

FNsteel

Expansion power supply wire drawing facility – 2017

FNsteel is one of the European market leaders of high quality wire rod and wire rod products, especially for the automotive industry. The production location in Alblasterdam has different facilities for hot rolling and processing steel. In the Wire Processing Center, wire is processed in pickling, annealing and drawing facilities. Because of a new production line, FNsteel decided to expand the power supply of the wire drawing facility. Bakker Sliedrecht takes care of the entire expansion project.

Expansion power supply wire drawing facility

The new production line increases the capacity of the wire drawing facility by 25%. Therefore, the existing power supply needed to be expanded. Bakker Sliedrecht provided the adaptation to the existing 12.5 kV COQ distribution divider, supplied and installed the new 2000 KVA dry transformer, and the Cubic low voltage divider.

Challenging cable connection

For the expansion of the power supply, which starts from the high-voltage system, a high voltage cable of approximately 420 m was pulled from the COQ installation to the 2000 KVA transformer. The cabling was placed on and in existing cableways that are already equipped with high and low voltage cables. This way is different from the traditional method, which made it challenging but also cost saving. Bakker Sliedrecht took also care of the installation of the high and low voltage cables. The cables were connected to the new COQ installation, transformer, and Cubic low voltage divider.

Successful commissioning

The expansion of the power supply has been commissioned successfully according to schedule. Jurgen ten Broeke, Technical project manager at FNsteel: "It was very important to us that the expansion of the power supply would be delivered with great care within a tight schedule. I am very pleased with the great and smooth collaboration with Bakker Sliedrecht during the entire project. As this project was delivered on time, we are on schedule with making the new production line operational."



Do you have any questions?

Call: +31(0)184 43 66 66

Mail: info@bakker-sl.nl