

**Project scope:**

- ✓ Manufacture lifting plan
- ✓ (Dis)assembling
- ✓ Transport to workshop
- ✓ Overhaul
- ✓ Transport to location
- ✓ Alignment on site

Smurfit Kappa

Overhaul high voltage generator – 2018

Disconnecting a 5600 kWh high-voltage generator, transporting it, giving it a complete overhaul and restarting it in just fourteen days. With this piece of skill for packaging company Smurfit Kappa Sliedrecht based Bakker Repair + Services demonstrated its specialism in the market.

The generator, together with three others, supplies power to Smurfit Kappa's paper factory in Dutch city Roermond or to the grid in case of overcapacity. The generator was in urgent need of maintenance, but Smurfit Kappa demanded this would be done within fourteen days. That put Bakker Repair + Services under time pressure, all the more because it took three days just to remove the large generator from its foundation and put it back after the overhaul. It also took three days to disassemble and assemble the special coupling in between.

After the generator was transported by truck to the workshop in Sliedrecht, the overhaul started. The machine was disassembled, inspected, repaired and cleaned. After that the generator was inspected, assembled again and submitted to extensive testing. To guarantee its safety, the entire overhaul was executed according to an approved hoisting, disassembly and assembly plan. The project started on April 11th and on April 25th the generator was put back in its place and restarted. On King's Day he was generating power again. „We have thus, in a fast manner, increased the

reliability of the generator. It can be done faster if the customer uses our special 24/7 service, but within normal working hours this was carried out pretty fast for an overhaul of a generator of this size,” says Account Manager Hans Heiblom.

Bakker Repair + Services, sister company of the nearly hundred year old company Bakker Sliedrecht, has over 40 years of experience in worldwide repairs and maintenance of electro motors, generators and transformers. The company has built up a great deal of expertise in the maritime, industry and offshore sector and railway transport. „Overhauling high voltage generators is one of our specialisms, for which Bakker Repair + Services has all the necessary in-house knowledge, expertise and equipment,” says Heiblom. „In the past few years large companies have been catching up in overhaul and maintenance of electrically rotating equipment. With this project we have shown we can rapidly be of assistance to the industry.”

We take care of it.



Do you have any questions?

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