



LOGISTICS COMPLEX OF 85,000 SQM optimised by HCE CIVIL TEAM

The current global situation highlights the importance of a working logistical infrastructure in order to keep society in operation.

According to the World Bank, Germany is a top location for logistics. In 2014, 2016 and 2018 they consecutively proclaimed Germany “world champion of logistics“- out of 160 countries. Sweden and Belgium are in second and third rank, respectively, followed by our neighbor Austria in fourth rank.

HCE has been a part of this upward trend in the logistics industry for many years, participating in various large-scale projects. Currently, one of Germany’s leading grocery chains is building a central warehouse north of Hamburg. For this project – a building complex of 85,000 sqm in total – HCE supports the general contractor with consulting for approval and executive design, as well as provides support for site supervision.



FIDIC - PROJECTS based on SILVER-, YELLOW- and RED-BOOK

In German-speaking countries building contracts according to FIDIC (Fédération Internationale des Ingénieurs-Conseils) are not widely used, as VOB provides a highly reputed national set of rules.

Yet internationally, FIDIC-contracts are an important tool for many projects. FIDIC provides model contracts (named for the colour of their cover) for various set-ups, such as Turnkey EPC projects (Silver Book), Plant and Design Build (Yellow

Book) as well as Construction (Red Book).

In contrast to typical German contracts, FIDIC appoints the engineer as a third party, positioned between employer and contractor. As such he is the reciprocal point of contact for all claims and rights. Twenty years of experience in international projects enable us to take up the highly responsible role of engineer according to FIDIC in a fair and objective manner that considers all interests and technical requirements.



RENEWED HCE-QUALITY-CONTROL-PLAN FOR WTG FOUNDATIONS

For many years now the quality control plan for WTG foundations which was developed by HCE has been the standard on many construction sites. With the development of new MW-classes it was time for an update. One of the main new features is the time-task-chart, which enables everybody involved in the project to keep track of what certificates, protocols of material checks, etc. need to be provided in which work stage in order to ensure a high-quality foundation

documentation “FFD” at the end of the project.

The new Quality Control Plan finds its first application in our current Polish projects Gniw, EP44 and Wielowies. Acting as Lender’s Engineer for all three projects, HCE is responsible for technical checks of the construction works, including on-site quality checks of the execution.

Furthermore, the new QCP is already considered in the foundation designs for our current projects in Germany, Finland, Poland, Denmark and Latvia.



INDUSTRIAL PROJECTS worldwide

Our Structural Engineering Team keeps being successful in industrial and power plant projects. In addition to activities in Germany and Europe we recently started to participate in our first project in Dubai (UAE).

Beside the design of load bearing structures made of steel and reinforced concrete, we specialise in designs for structures which are susceptible to vibrations.

CHALLENGING TIMES

In the last decades we all faced multiple challenges. Yet the current global spread of Coronavirus surpasses all previous circumstances. While we at HCE were able to adapt our offices by taking relatively simple measures, site management teams both in Germany and abroad are faced with exceptional challenges.

We would like to thank them especially.

Keep healthy and safe!