



Consulting – Our Expertise

In addition to the classical engineering for construction projects, HKG also provides consulting and testing services for all electrical and safety engineering trades. These specific consulting services include client consulting, quality assurance, expertise, analysis and monitoring.

Client Consulting

In client consulting, interdisciplinary thinking is required to relieve the client of organisational and administrative tasks. Our client support covers all project management measures, plus effective ways to support the client such as managing costs, deadlines, technical correctness and administrative tasks. In the role client representative, we lead interdisciplinary project teams, especially in the field of building services.

As project controllers, we work in the three areas of engineering - controlling - monitoring. Any deviations are caught at an early stage and the necessary countermeasures are initiated immediately.

We are able to quickly and efficiently identify cost and quality audits with project-tailored solutions. We provide the PQM consultations in a special mandate or side-by-side as a trustee for clients and investors.

Quality Control

HKG follows our own project-related quality management system (PQM) in accordance with ISO 9001. This serves to optimise, structure and standardise work processes in order to meet customer requirements in terms of costs, deadlines and quality. Since the initial certification in 1997, the system has been continuously developed and adapted to new processes and requirements. It takes into account the needs of all interested parties.

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Expertise

Expertise covers a broad scope. In addition to professional a high degree of social competence is also necessary.

As independent SIA engineers and consultants, we provide building owners and investors with expert opinions on all areas of electrical engineering in construction. Project definition, work contracts, project management, cost management, standards, regulations, rules and laws are the basis of what we provide.

Our comprehensive knowledge management, cooperation with the universities of applied sciences, our completed projects of all types and sizes, as well as the competence of our more than 180 employees guarantee our clients a strong partner on their side.

Integrated Tests

We define and run integrated tests, according to SIA 2046, to ensure that all the technical components and systems in the building function together properly. This ensures that, during both day-to-day applications and emergency situations, the building works as it should.

Thanks to our length and breadth of interdisciplinary experience in electrical engineering, building automation and safety / security, we guarantee that the integral tests are carried out in a way acceptable to the relevant authorities and precisely adapted to customer-specific requirements.

Energy Economic Analyses

Digitalisation is creating enormous change across our industry. Topics such as 'smart home', 'smart city', 'smart grid' and 'smart metering', energy storage technologies and data processing are radically changing electricity producers' business models. Electricity prices are adjusted every second to the current electricity market situation and traded on the stock exchanges.

In the electricity market, energy pricing will become more agile. The control of the load profile and the speed of the regulatory interventions determine the market price of the energy.

Our specialists, who are well connected with energy service providers and universities, develop innovative, efficient energy concepts and the basis for self-consumption or market price controlled energy concepts. Customer needs are taken into account and opportunities for changing electricity market models are ensured.

Challenge us – together we will win!