

## **Konsultointi KAREG Oy**

### **KAREG Consulting Engineers is an engineering company for demanding conditions**

Quality is associated with professional pride

Kari Avellan, Konsultointi KAREG Oy, KAREG Consulting Engineers

At the engineering company KAREG Consulting Engineers demanding conditions are not an obstacle but a welcome challenge. Kari Avellan founded his company in 1975, and the areas in which the company has expert qualifications have grown year by year. Challenging tasks are carried out by a persevering five-person staff possessing a wide range of skills.

In this small engineering company there is an astonishing range of expert skills. KAREG Consulting Engineers offers engineering planning in the fields of geotechnics, rock engineering, construction and water construction techniques, as well as expert inspections and supervision. In addition, the personnel of KAREG Consulting Engineers carry out, among other things, underwater and diving investigations.

Led by Kari Avellan, KAREG Consulting Engineers has, for example, been repairing the Helsinki rowing stadium and velodrome. Among the most demanding work has been the underwater investigations and planning of the lifting of the vessel St. Mikael, sunk in 1747. When the floating gate jamb of the Suomenlinna (Sveaborg) fortress shipyard was repaired, Kari Avellan was responsible for planning the repairs and the supervision of the project. Planning the repairs of the Harmaja (Gråhara) lighthouse also belongs among one of the tasks to be carried out.

High-quality work is seen to fulfil the requirements in the quality handbook. –Quality also includes professional pride. All work is done as well as it can be expected to be done, in the name of reason, says Avellan. –To be able to carry out qualified work, one’s own professional knowledge has to be kept up to date. –Apart from educating oneself, it is important to follow what is going on in the world, says Avellan.

Since the very beginning, developing a quality management system has been considered important. The quality management system of KAREG Consulting Engineers is RALA certified, which, according to Avellan, not only guides but also facilitates all the firm’s activities. Everybody knows how and according to which principles the work in the company is done, says Avellan. –Certification has promoted the consolidation of the internal functioning and responsibilities have been clarified. On the other hand, RALA certification is sometimes also a precondition for assignments. Big customers require a quality management system, says Avellan. With the RALA certificate Kareg Oy indicates its quality management level to its customers.

Article on KAREG Consulting Engineers on the Construction Quality Association (RALA) website [http://www.rala.fi/tilaajalle/asiakastarinat/kareg\\_oy\\_on\\_vaativien\\_olosuhteiden\\_suunnitteluliike/](http://www.rala.fi/tilaajalle/asiakastarinat/kareg_oy_on_vaativien_olosuhteiden_suunnitteluliike/)