

RISK ASSESSMENT



SCOPE OF VERKÍS SERVICES

- Risk analysis
- Risk assessment
- Improvement proposals

DESCRIPTION

Verkis offers its clients risk assessment for structures, construction work, management and operation.

Increased safety requirements can involve the necessity of risk assessment for new processes, management or improvements.

Recent changes in the Icelandic law on occupational safety and health require risk assessment for all work related activity.

Risk assessment involves analysis of hazards and determination of the boundaries of acceptable risk. Such events might be natural catastrophes, large-scale malfunctions, accidents, failures, sabotage or unsuitable working conditions. The probability of these events is assessed as well as their potential consequences. Impact on people, environment, equipment, and production is considered. The risk is assessed as an integration of probability and seriousness of consequences. Results include propositions for improvements reducing the risk to an acceptable level and ALARP.

Qualitative and quantitative methods are applied depending on each project, such as HAZOP, FMEA, fault tree and event tree analysis and job safety analysis.

Services have been rendered to hydropower and geothermal power companies in relation to assessment of environmental impact, emergency management, design, management, and structure maintenance.

At Verkis work about 350 highly qualified and competent staff. The firm emphasizes the staff's independence, professional pride and ingenuity in the solution of complicated tasks to provide highest quality service in most fields of consulting engineering. Verkis Consulting Engineers will give further strength in providing solutions in the international market.

Verkis will provide clients, contractors and other consulting engineers direct and easy access to a large group of experienced engineers in the same profession as the merger firms provided, giving further strength to its wide range of service.

About Verkis

Verkis is a new name in the market for engineering services and was formed in the year 2008 by the merger of five Icelandic Engineering Consulting firms, VST, Rafteikning, Fjarhitun, Fjölhönnun and RT. Verkis marks the starting point of a leading multidisciplinary consulting firm in Iceland, aiming to provide customers with high quality services in all fields of engineering and other professional disciplines of consulting. The origin goes back to 1932, making Verkis the oldest consulting company in Iceland, and all the merging firms have a firm background in the energy- and construction industry of Iceland. For decades they have been leading firms in their respective fields of expertise and intend to unite their efforts in providing high quality services.

