

Industry & Infrastructure in 45 seconds

At the Industry & Infrastructure division, most of us have been active in the sector for more than ten years. We dare to be at the frontline of structural engineering and we simply dare to say that we can offer and deliver "more value" than most of our competitors. Please try us out.

In addition to "traditional" design, we also offer specialized services in advanced calculations, for example designing against:

- Explosion/Implosion loads
- Fire behavior, temperature analysis & thermal bridging
- Earthquakes and other dynamic loads
- Extreme climate impacts
- Collision Loads, missiles and dropped heavy objects
- Prestressed structures

Our customers include the Swedish Transport Administration (Trafikverket), contractors, operators in the energy sector & other engineering consultants. Please contact us for more information.

Examples of our experiences*:



Norra länken tunnel & escape tunnels



Kärnkraftsverket Forsmark Power up rate, reinforcement of cooling water building

INFRASTRUCTURE

Bridges

- Widening of Nockeby bridge pivot range (steel)
- Road bridge Tyresövägen
- Tomtebodabridgerna
- Pedestrian bridges (Annedal, Upplandsväsby)
- Load bearing assessment analysis of bridges
- Bridge over Lagan at Hallsjö, E4
- Bridge at Ljungby, E4

Tunnels

- Hallandsåsen
- Citybanan
- Malmö City tunnel
- Track tunnel in Norsborgsdepån

INDUSTRY

- Digiplex, Sweden's largest data center
- SL, construction & re-construction of bus depot
- Concrete factory

NUCLEAR WASTES

- SKB - Nuclear waste repository
- Barsebäck 1 & 2, demolition
- SKB - CLAB plan of settlement / cost calculation / seismic analysis
- SVAFO - Nuclear waste structure Studsvik, SALUT

ENERGY PLANTS

- Nuclear Power Plant – Power up rate of Oskarshamnsväret 2, 3
- Nuclear Power Plant - Olkiluoto 3
- Nuclear Power Plant - Barsebäck 1&2, Analysis of the structure for new loads
- Nuclear Power Plant - Ringhals 1,2,3 and 4-measures for extreme climate impacts
- Hydro Plant - Järvkvissle, Rottneros, Lilla Edet