

Risk assessment for the Margarethen Ice Skating Rink



Parts of the Margarethen Ice Skating Rink in Basel were in need of renewal. EBP supported the project team when it came to ascertaining the safety-relevant requirements and drafting a risk assessment report in accordance with Swiss Major Accidents Ordinance for refrigeration systems.

The ice at the Margarethen Ice Skating Rink is made with an ammonia refrigeration system. Owing to the amount of ammonia that is stored on the premises, the system is subject to the Swiss Major Accidents Ordinance.

The rink's operators needed to renew various parts of the system recently as a condition for securing a scheduled extension of their operation permit. We supported the project team when it came to identifying the measures that would be necessary to ensure the refrigeration system's compliance with the latest safety standards. In particular, this work involved ensuring (1) a capacity for the early detection of system leaks and (2) a capacity for the controlled release of any leaking ammonia at a safe location.

The scope of our assignment also included the drafting of a risk assessment report in accordance with the Major Accidents Ordinance, i.e. so as to determine the remaining risks for people and the environment. One particular challenge in this regard was accounting for the safety of persons on the rink itself.

Client

City Planning & Architecture, Office of Structural Engineering Basel City Building and Transportation Department

Facts

Period 2015

Project Country Switzerland

Contact persons

Peter Christen
peter.christen@ebp.ch