

Comfort and safety in the Limmern pumped storage power plant

What comes to mind when you hear the term: ideal working atmosphere? A team that works extremely well together? Before this is even possible in the Limmern pumped storage power plant, there has to be an ideal working atmosphere of a different kind. With our implementation of the section D34, we ensure safety and functional comfort in the mountain. Together with Niersberger AG, we are planning, mounting and installing the ventilation and air conditioning systems as well as the smoke extraction equipment and plumbing facilities.



Client
Kraftwerke Linth-Limmern AG

Built
2013 - 2016





Systems

- Ventilation and air conditioning systems
- Smoke extraction system
- Plumbing facilities with pressure reducing stations

Components

- 6 large fans
- 2 special fans per smoke extraction station
- several monoblocs
- several kilometres of water and air lines
- several pressure reducing stations with a design pressure of up to 160 bar



The section D34 includes components in almost all areas of the plant. This makes it one of the key subsections, both in the construction process as well as in the subsequent operation.

- 1 Ventilation and smoke extraction valley station
- 2 Smoke extraction machine cavern
- 3 Smoke extraction fans
- 4 Ventilation ducts