

HAGERBACH TEST GALLERY



COMPANY

Hagerbach Test Gallery is a fantastic world underground.

The numerous tunnels, caverns, experimental fields, laboratories and seminar rooms offer a perfect base for research, development, testing, real scale trials, as well as all kinds of events. A wonderful and unique constellation world-wide.

Specialists from all over the world are using our infrastructure as research laboratory and training camp. We work on our own developments as well as upon customers` demand and in cooperation with enterprises, associations and research institutes.

We have acquired broad knowledge through collaboration with Swiss national, European and other international research projects.

You are invited to gain very special insight into pioneering achievements in mining and tunneling. Since our formation in 1970 we constantly feel the pulse of time. Our business partners highly value quality, competence, flexibility and adventure.

Thereby, we ensure that also into the future we will be a worthy partner for your projects. We are **«worth a trial»**.



BUILDING MATERIAL TESTING

Our four building material test laboratories in Flums (main laboratory), Altdorf, Regensdorf and Basel as well as mobile laboratories offer comprehensive testing and consulting services. The laboratories Flums, Altdorf and Regensdorf are accredited according to standard EN ISO/IEC 17025 resp. to ISO 9001, confirming the professional, technical and organizational competence of our services.

We guarantee work of the highest quality with a strongly motivated team of specialists, latest equipment, permanent professional formation and years of practical experience. We work independently and confidentially. Our customers value our high-quality performance, punctuality and transparent pricing.



INNOVATION & TRAINING

The unique infrastructure with its various rock formations, surfaces, installations and different aspects of building, are optimal to test, exercise and present under full-scale conditions.

Since the beginning of our activities, interdisciplinary know-how has been built up in our Test Gallery and has achieved world-wide renown and acknowledgement.

Together with our international and regional partners from industry organisations, economy, research and public institutions we maintain an efficient networking culture. Comprehensive services encompassing all project phases - from the planning, realization and presentation to the training of the results - round off our offer.

Core competences:

- Tunneling and mining development and research
- Tunnel excavation and rock supporting systems
- Construction methods
- Testing of new materials
- Testing of application technologies
- Integrated guiding safety & security systems
- Company-specific seminars with demonstrations
- Training of sprayed concrete technologies
- Training and consulting concerning sewer systems
- Accredited and customer-specific fire resistance tests
- Live-exercises for security and rescue under special conditions





SCAUT

The Swiss Center of Applied Underground Technologies (SCAUT) bundles competences and technologies of the Gotthard Basis tunnel as well as of other innovative underground projects. In this way SCAUT is the first centre of competence world-wide to be able to provide various applications in underground space use. The Hagerbach Test Gallery is founding member and partner from the very beginning.

DIGITALIZATION / CONSTRUCTION 4.0

In cooperation with our team you can actively shape the implementation of Construction 4.0. Together with our partners we apply new technologies and solution - approaches for more efficient building management. At Hagerbach Test Gallery you have the opportunity to test ideas and benefit from our experience and networking.



EXPERTISES & RESEARCH

Based on our broad experience in the fields of building materials, testing and applications we are ready to act as independent experts if problems occur.

Selected credentials from our experts:

- Consulting tunneling site Eyholz, expertise in concrete and sprayed concrete, ARGE Tunnel Eyholz
- Expert in working group HDPE of IG GBT South
- Expert commission «concrete», GBT & CBT, ATG
- Referee on high temp. behaviour of concrete, VKF
- Referee concrete technology, SBV Campus Sursee
- Swiss Concrete Technologies Association, board
- VSS expert commission, NFK 3.1, aggregates
- SIA sub WG standard interpretation & shotcrete
- SIA expert commission fibers and precasts

Selected research projects:

- EU Projects - L-surF, BRIDGE, I2Mine, Robo-Spect
- ASTRA - FGU 2003/004 influencing factors of fire resistance on structural concrete elements
- ASTRA - FGU 2010/006 gas analytics for early fire detection in tunnels
- ASTRA - VSS 2011/505 reduction of testing effort to control frost sensitivity of aggregates for unbound mixtures
- ASTRA - FGU 2012/005 gaining energy from tunnels in cities, pilot tests
- ASTRA - FGU 2010/005 longterm behaviour of synthetic fiber reinforced sprayed concrete in tunneling
- ASTRA - VSS 2012/403 influence of aggregates on chlorine resistance of concrete



GASTRONOMY & EVENTS

Pure temptation at the Test Gallery

We are a unique event location with a restaurant inside the mountain. With our numerous premises, spaces, caverns and tunnels we always have the perfect room for your successful event.

The Hagerbach Test Gallery provides a very special atmosphere. We support all events with our own cheerful team, exciting framework programs, our own cuisine and alternative catering options. We make it possible to party long into the night. Our stress-free approach, free and easy parking and always stable weather conditions will make your function a sure success.

Come test and visit, you cannot resist the temptation.





Your contact

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