

A day at **hpb consulting**

hpb consulting SA is an independent engineering office providing consulting services for environmental and health protection in buildings. We assist building owners, architects and planners in all matters concerning building pollutants and indoor air quality (asbestos, PCBs, PAHs, VOCs, Minergie-ECO, radon, etc.)

Follow us for a day.

7.45 am

I am studying the request of a hospital in the Zurich region to be able to submit an offer in due time for a "diagnosis of the building before demolition", with follow-up work.

9.30 am

We go to a 1960s villa in Belp for a building inspection. I take about 20 samples of window and tile putty, plaster, gaskets, paint, slag, and inspect electrical panels and flower pots for asbestos, PCBs, heavy metals and other hazardous pollutants.

12.35 pm

A site manager contacts me during his lunch break. He suspects asbestos in the tile adhesive of a bathroom he is about to demolish, so the work had to be stopped. I contact my colleague and send him to the site in the afternoon to take a sample and send it to the laboratory. The result will be available within a maximum of 24 hours so that the work is not unnecessarily prolonged.

1.15 pm

I travel to the Seeland to supervise the removal of asbestos from a school building. hpb consulting AG has been commissioned to manage the work. On site, I check that the containment area has been set up, that it is working properly and that the working and disposal methods comply with the regulations.

4.00 pm

Back at the office, I read my mail. A concerned family man who owns a house tells me about his suspicions of air pollutants and describes some symptoms such as eye and respiratory tract irritation. I call him and ask him about other symptoms, the age of the building, the materials present, and possible structural defects. Based on his descriptions, I recommend an analysis of volatile organic compounds (VOCs) and formaldehyde in the air. In the best case, a measurement of the VOC content in the air can be considered, which provides evidence of hidden mould. I am waiting for its confirmation.

4.55 pm

My colleague informs me by phone. Today, among other things, he installed several dosimeters for radon measurements in a day-care centre in a district of Bern; the results will be evaluated in one year. In addition, hpb consulting AG has been granted the right to carry out ambient air measurements in a new building in Aarau with the aim of obtaining the Minergie Eco label.

If you too have questions about pollutants in buildings or indoor air quality, if you would like an offer or need a professional and independent specialist, we invite you to contact us without obligation. We would be pleased if you would make use of our expertise and flexibility and if you could influence our exciting daily routine !



Michael Grichting,
Manager hpb consulting SA

Services

- Building diagnosis
- Ambient air measurements
- Remediation planning, submission
- Construction management
- Advice / expertise
- Asbestos

Bern

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