



## Contaminated Site Exploration Bosch Branch/Plant Berlin-Spandau

### Project description/ Services:

- Exploratory analysis with the investigation of the type of contaminants and their composition as well as the determination of the contaminated volume of building material and soil
- Detailed overall exploration/ investigation and risk assessment of the soil, soil gas, dust, air, ground water, building material and equipment, leach ate forecast
- Toxicological exposition risk quantification for the transfer paths soil-human, soil-plant-human, dust-human, soil gas/air-human
- Investigation and evaluation of asbestos (cement asbestos and weakly bounded asbestos) and of artificial mineral fibres which are comparable with asbestos, including the evaluation of the priority according to the ASBESTRICHTLINIE (German Directive for Asbestos)
- Determination of the volume and costs of recovery and cleaning-up of the contaminated building material, soil and other materials with a legal requirement for recovery
- Groundwater monitoring and asbestos investigation in magnesit floor pavement

### Customer benefits:

- comprehensive engineering project support in the context of the remediation of the industrial site

### Project name:

Contaminated Site Exploration  
Bosch Branch/Plant Berlin-Spandau

### Country:

Germany

### Location:

Berlin-Spandau

### Customer:

Robert Bosch GmbH

### Reason:

Termination of the Production Process and planned Sale of the Property

### Contract value:

250.000 Euro

### Project duration:

2001 - 2003

### Service area:

Toxicological risk assessment

### Project data:

- 8 ha area with 12 big production and store buildings
- 200 exploratory drillings (all with measurements of warfare agents)
- 30 concrete core
- 400 soil-, 150 soil air- and 30 ground water analyzis
- 40 samples of building substances and 70 samples of asbestos, samples of dust precipitation and airborne dust
- ca.3000 single diagnosis