

Ground air remediation, kerosene contamination

Ground air extraction | Criteria for protection against explosions

Remediation procedures

Soil vapour extraction, taking into account the necessary criteria to prevent explosions
The extraction of volatile organic compounds (kerosene)
Installation of SVE wells with safety compressors and technology for the monitoring of explosion limits.

Technology

Safety compressors, the automatic emptying of water filters, Activated carbon air filters, Explosion sensors, Rigid ringlead tubing, Special heads with pneumatic valves, Ground air extraction tests at the beginning of each measurement round.

Project execution

Soil vapour extraction, strictly adhering to the ITVA DN 50 guideline. System delivery, maintenance and operation Performance of tests on extracted ground air.

Project summary

Contamination

- Volatile organic compounds, mainly benzene(0-200°C)

Subject

- Nearly 150, 000 m³ of aeriform compounds

Customer

Tauw GmbH, Leverkusen

Project price

117,000 Euro

Time frame

2015 – 2016

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