

# Removal and disposal of mineral fibers and asbestos, Schwarzach, Mittelbrunn, Stolberg, Germany

MWH SpA, Italy

Service area	Contract value	Project duration
Environmental Consulting, Environmental Land Appraisal	€395,000	2012 - 2013



## Project description:

At Schwarzach, Mittelbrunn, Stolberg, three locations of Open Grid Europe GmbH, the replacement of a compressor turbine is being performed by Nuovo Pignone S.p.A, Florence/Italy, a daughter company of GE Oil & Gas.

Before the construction work, such as dismantling of pipelines, the corresponding preliminary investigation of AMF- (artificial mineral fiber) and asbestos-containing insulate cardboards are required. The Mineral fibers and asbestos containing material removal activities are coordinated by MWH S.p.A.

In addition, selected samples of AMF-insulations were tested and the carcinogenicity KI-index was determined.

## Further project data:

- 9540 kg artificial mineral fibers insulation (category K2)
- 4,120 kg friable asbestos
- 2,700 kg asbestos cement

## Purpose:

- Replacement of a compressor

## Our services:

In accordance with the specifications of TRGS 519 and 521 standards:

- Creation of a vacuum cell
- Professional dismantlement of facade panels of the filter building (asbestos cement)
- Professional dismantlement of the pipe insulation outside the turbine hall (AMF category K 2)
- Professional dismantlement of the turbine insulation (AMF category K 2)
- Expert monitoring and surveillance of the above-mentioned remediation measures
- Vacuum cleaning after the remediation measures
- Professional disposal of the resulting hazardous materials during the remedial measures
- Documentation of the remedial measures in a report

## Client benefits:

- Professional remediation work
- Compliance with all environmental and hazardous waste regulations
- Remediation work has been performed just in time, without any delay for further construction work