

Innovative Technology | Individual Solutions

Dust Removal and Ventilation
on Temporary Tunnel Sites





Temporary Tunnel Sites

We develop complete solutions – from approval process via planning, installation and commissioning up to dismantling.

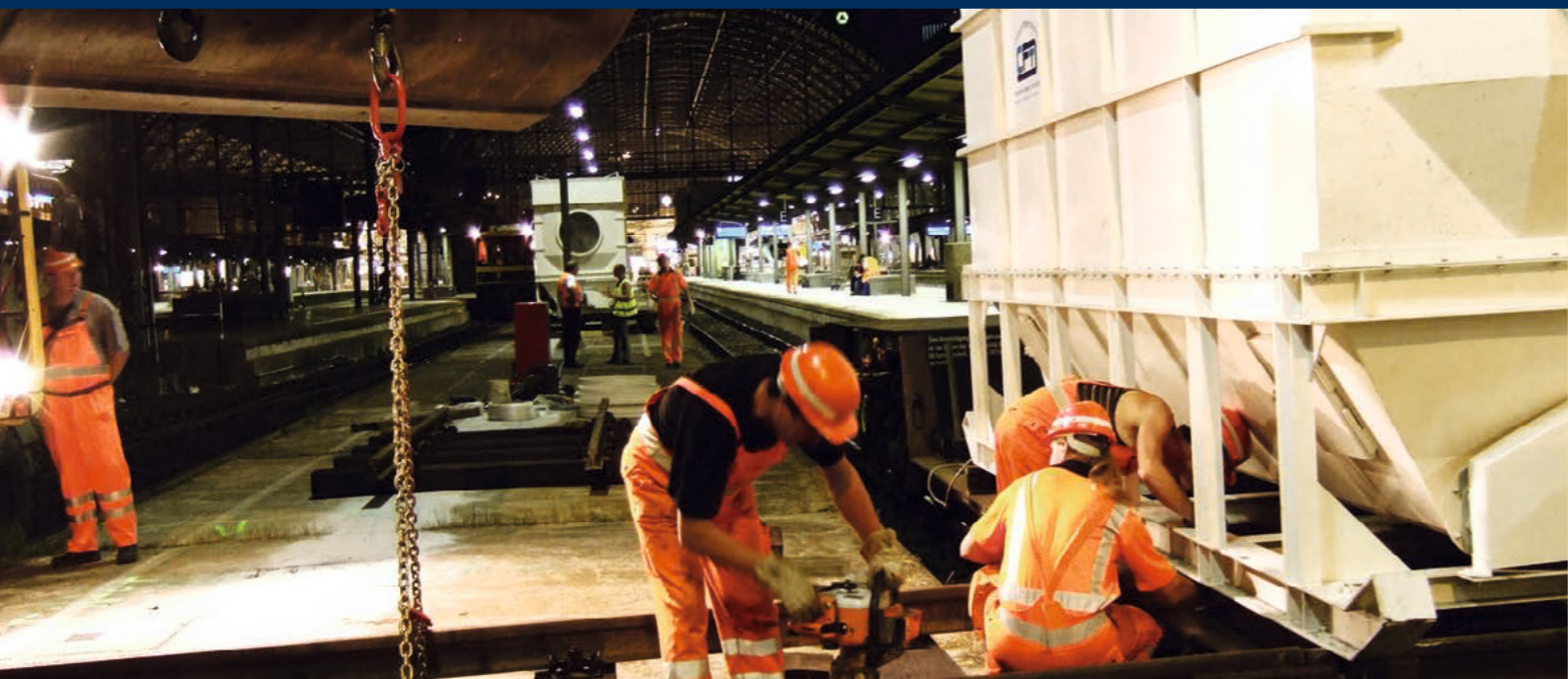
When exchanging rails, points and roadbeds or restoring the tunnel lining in underground train, regional transport and metro networks - temporary tunnel sites require a careful and comprehensive planning and arranging. On one hand the works on site should run absolutely in time in order to affect the train service as insignificantly as possible – on the other hand in addition to the affected quality of inhaled air on site of operation contaminated dust and noxious gases are generated by the building activities which must be treated professionally, health-oriented and environmentally sound.

This is a task for CFT GmbH 'The Company of clean air'. With our ventilation knowhow and our latest technology we attend to temporary tunnel sites in view of dust removal and ventilation and secure the compliance with employment medical specifications for the quality of the inhaled air on construction sites.

In addition to these tasks it is important that our installed ventilation and dedusting systems do not impair operations on site and the collateral public traffic. Therefore the preliminary works for installing our plants must accurately be projected and must be terminated before the works on site start.

Every tunnel site is different. The quality of our tailor-made solutions remains always constant.

- Planning, installation, operation and dismantling of dedusting and ventilation systems corresponding to specifications and specific conditions on site
- Participation in prearrangements on site
- Support in submitting licensing procedures and planning processes
- Agreement and coordination of planned installation, commissioning and support service of our plants with safety and health representatives and agents of Employer's Liability Insurance Association
- Logistic preliminary works
- Installation, commissioning and support service of the dedusting and ventilation systems before and during operations on site
- Scheduled dismantling of installed plants





Individual Projecting and Installation of Sites

Our systems do not temporally or spatially impair tunnel sites.

As with every site in addition to safety it's mainly about the factor time on temporary tunnel sites. Planned measures shall impair the regular tunnel traffic as little as possible. Working times on site are correspondingly short calculated. The time frame for installation and dismantling

the dedusting and ventilation systems is correspondingly narrow. All preliminary works, installation and dismantling of the plants are carried out before operation starts on site and during the traffic stops at night-time.

Our plants are already set up when construction works start and they will be dismantled when everything is ready

- Preliminary installation works and installation logistics during traffic breaks at night-time
- Securing of independent power supply of all ventilation aggregates
- Sight rail free erection of devices outside the flying range of site
- Modular construction method for compact and flexible installation sizes and performance designs
- Continuous measuring of air quality during active operation on site
- Personal security by mobile alarm units
- Short response time by flexibility in new construction and delivery of dedusting systems and fans within the network of affiliated companies
- Own inventory of finished systems always available





CFT Compact Filter Technology

We are the company 'Clean Air'

In every industrial sector efficient solutions for work safety and environmental protection are requested; especially in the field of impairments caused by use and production of working and environmental conditions. In this field we offer you innovative and individual solutions:

- Underground operations in mining and tunnelling
- Surface basic industry at raw material processing and finishing
- Bulk good handling
- Recycling industry
- Refurbishment of temporary tunnel sites
- Mobile emitters and other application ranges
- Individual solutions

With more than 50 years' experience in dedusting and ventilation technology we are particularly specialized in the construction of dedusting systems since 1999. In return for our expertise and technical know-how and the quality of our systems and projects we have made a name for ourselves – as company 'Clean Air'.

As system provider in dedusting and ventilation technology we cover the entire ventilation service range from projecting and planning up to assembly and service features supported by well-known partners.

We have been working closely with our partner and ventilation specialist Korfmann Lufttechnik for many years. As co-partner we exclusively manufacture the fans and silencers of the brand name Korfmann Lufttechnik.

We project, plan, mount, operate and assist high-quality; innovative and individual complete solutions for dedusting and ventilation systems.

Products:

- Dry-dedusters and scrubbers
- Fans
- Ducts
- Ventilation accessories
- Cooling aggregates and mine air heating
- Mine gas drainage
- Gas purification
- Dry cuttings extraction
- Measuring devices

Our service:

- Engineering
- Manufacturing
- Assembly
- After sales service
- Commissioning
- Spare parts distribution
- Maintenance and general repairs
- Training

Our references:

- Urban railway line below Airport Frankfurt
- Urban railway line Frankfurt City
- Urban railway line Berlin City
- Urban railway line Metro Amsterdam
- Ventilation systems at tunnel rehabilitations on the high-speed rail lines of DB



*Here you find out more about CFT
and about professional dedusting
and ventilation solutions of temporary
tunnel sites.*



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