



HEALTHY EMPLOYEES – THE BASIS FOR HEALTHY GROWTH



CUSTOMER

Schenker
Deutschland AG



LOCATION

Langenhagen (DE),
Dortmund (DE)



SECTOR

Transport &
logistics



DUST
REDUCTION

87 %

Goal: Combat particles AND protect employees

With 100 locations in Germany and over 2,000 locations worldwide, DB Schenker is a leading provider of global logistics services. As a service provider, the company does not produce goods but instead offers services which expert employees develop and implement for customers. Healthy employees are therefore a valuable asset to the logistics company and need to be protected.

FOR US, WHAT EMPLOYEE PROTECTION MEANS IS THAT EMPLOYEES LEAVE WORK AT THE END OF THE DAY IN THE SAME STATE OF HEALTH IN WHICH THEY ARRIVED TO START THEIR DUTIES IN THE MORNING.

Martin Witt, Health and Safety Officer at Schenker Deutschland AG, Langenhagen/Hanover

Dust – an ever-present danger for people, goods and machines

In logistics companies, high dust levels are often impossible to avoid. Lots of movement in the halls and significant speeds when loading and unloading

sometimes cause extreme particle-matter load, especially due to the abrasion of the forklift wheels. When the hall doors open and close, dust is swirled around, and new dirt is brought in and distributed across the space. This poses major challenges for the highly active locations of DB Schenker.

Particles put employees' health at risk

A high particle-matter load jeopardises not only the quality of the goods and services, but above all the health of the workforce: a high concentration of dust in the air makes it harder to breathe, increases the risk of illness (such as asthma) and can even cause cancer. These findings preyed on the minds of the managers at DB Schenker too, particularly when they carried out their own observations on site. When dust collects on the ground, the risk of slipping increases for forklifts, pallet trucks and pedestrians alike. In order to keep all these risks more or less under control, intensive cleaning was required – but didn't always yield satisfactory results. The managers at DB Schenker were in agreement – it was time to act.





Result: up to 87% fewer dust particles

The difference was clear to see straight away. The air is now visibly clearer and employees' faces and clothes are clean when they leave the site at the end of the day.

I LIKE TO USE THE COMPARISON OF HOW WE WATCHED TV IN THE PAST AND HOW WE DO TODAY. NOW WE SEE THE IMAGES IN HD QUALITY HERE.

Benjamin Kalle, Head of System Freight at Schenker Deutschland AG, Dortmund

Winds of change for logistics companies – due to clean air

The initial impetus came from within the company's own ranks. A colleague reported on Zehnder air cleaning systems that were already successfully in use at other DB Schenker locations. The managers invited Zehnder along, and the experts came, provided information and made a convincing case. The "Clean Air" project could begin.

Sophisticated Zehnder technology eradicates fine and coarse dust

Industrial air cleaning systems from Zehnder Clean Air Solutions have been installed at two DB Schenker locations – in Dortmund and Langenhagen/Hanover. The principle: the systems filter dust particles from the air before they can be inhaled or spread across the space. The secret is a patented filter combination. The Flimmer filter uses mechanical and electrostatic charge to bind fine and coarse dust, while the downstream Media filter traps the dust particles that have not yet been caught.

A further argument is that Zehnder doesn't simply sell products – it offers complete solutions and services which are precisely tailored to the needs of the location in question. A full service package also ensures that the customer needn't worry about a thing once the system has been commissioned. Maintenance and filter replacements are provided automatically.

Even more importantly: the reduction in particle-matter load can certainly be felt. Employees can breathe more easily, feel better and are more motivated.

INDIVIDUAL EMPLOYEES HAVE GIVEN COMPLETELY POSITIVE FEEDBACK. THEY HAVE NOTICED MANY LITTLE THINGS ON A DAILY BASIS WHICH CLEARLY INDICATED THAT THE AIR QUALITY HAS IMPROVED CONSIDERABLY.

Christian Schulz, Managing Director at Schenker Deutschland AG, Langenhagen/Hanover

These subjective feelings were objectively verified by means of measurements – with remarkable results. Depending on the location, a reduction in dust of up to 87% was measured, providing an optimum basis for protecting employees' health.

Summary:

With Zehnder air cleaning systems, DB Schenker is investing in employee health and enhancing the quality of life and productivity of its workforce.

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CLEAR ARGUMENTS TO START GETTING CLEAN

Zehnder Clean Air Solutions supports logistics companies like DB Schenker to establish optimum working conditions for their employees and to strengthen their market position.

1 Improved health

Less physical stress, reduced risk of illness, improved well-being.



2 Reduced costs

Less effort for cleaning and maintenance, rate of returns cut.



3 More safety

Lower risk of slipping, improved vision, fewer controller failures, fewer equipment malfunctions.



4 Better quality

Cleaner goods, higher standards, even better reliability and happier customers.



5 Improved cleanliness

Fewer particles on appliances and systems, improved visual impression of the workplace, longer cleaning intervals.



6 Greater efficiency

Less downtime, less sick leave, less wear, longer maintenance intervals.

