

Many terms used in environmental and dedusting technology aren't familiar. What is e. g. the separation grade? What does air exchange rate mean? What does SEMPAC stand for? These and about 300 further terms are explained in a simple and concise form.

When you need extensive information about environmental and dedusting technology, then our "**Infastaub encyclopaedia about dedusting**" is a helpful source.

Listview for the terms

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SAFE-CHANGE

Safe and non-contact change of filter media or dust collecting bin

SAFE-CHANGE LIGHT

Safe and non-contact change of filter media or dust collecting bin by using a change collar with double grooves, but without processing via a changing sack.

SAFETY FILTER

Police filter for protection of surrounding respectively down-stream process systems.

SCREW FILTER

Dedusting system with an integrated screw conveyor in the dust discharge area.

SEDIMENTATION

Gravity-assisted depositing of particles out of a fluid.

SEDIMENTATION RATE

Vertical velocity with which particles depose in a fluid.

SEPARATION

Separation of particles from gas flow

SEPARATION EFFICIENCY

Separated dust in ration to raw gas dust content

SHAKING FILTER

Filter unit with mechanical cleaning of filter media by shaking.

SILO DEDUSTING FILTER

cf. vent filter

SILO FILTER

cf. vent filter

SIMPLE PRESSURE TANK

Pressure tank according to EG guideline

SINGLE CHAMBER TECHNOLOGY

Separation of a filter plant into gaseously separated filter chambers.

SINTER FILTER

Filter elements made of sintered plastic granules or metal granules.

SIPHON

Gas tight water discharge

SMEPAC

Standardized Measurement for Equipment Particulate Airborne Concentrations

SMOKE

Smoke is an aerosol (or mist) of solid particles and liquid droplets

SMOKE FILTER

cf. welding smoke filter

SNAP RING

Fastening of filter media

SOLID FILTER

Filter for separating dusts (Infastaub)

SOURCE EXTRACTION

Direct extraction at the dust source.

SPACER

Component of a filter element

SPARE PART

Components that need to be replaced because of the process.

SPARK TRAP

Separation of inserted sparks

SPIRAL TUBE FILTER

Tube filter made of spirally welded inherently rigid filter fleece

SPOT EXTRACTION

Direct filter installation at the emission source.

SPUNBOND NONWOVEN

Spun-bonded fabric

STAND-BY FILTER SYSTEM

Two identical in construction, switchable filter systems

STANDING FILTER

Filter plant with base construction

STAR FILTER

Star-shaped sewn filter bag

STATIONARY

Unchanging location

STERILE

Absence of non-reproducible germs

SUPPORTING CAGE

Wire bent component

SUPPORTING FRAME

cf. supporting cage

SURFACE FILTER

Plant for separating dust

SURFACE FILTRATION

Dust separating at the filter surface

SURFACE HEAT TRACING

Heating the outside surface of a plant.

SURFACE RESISTANCE

Electrical resistance especially in case of plastic surfaces.

SUSPENDED MATTERS FILTER BOX

Duct filter with integrated HEPA cassette.

You find the market place for used filter units [here](#).

You find all manuals PDF files [here](#).

You find all upcoming fair dates [here](#).

Sign up here for our [newsletter](#) and make sure to receive free tickets for our trade fairs.