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Glossary

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.

Glossary

Listview for the terms

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Pipe and instrumentation diagram

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Filter mats

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Flat, rectangular filter element

[Particle filter](#)

see dust filter

[Particle filter class](#)

see filter class

[Particle size distribution](#)

cf. grain size distribution

[Parts in contact with gas](#)

Components in the gas stream

[Peak cleaning](#)

Additional cleaning at raw gas side with horizontal filter elements above the filter element.

[Pendulum flap](#)

Discharge flap

[Permissible for food](#)

Materials and items that are determined to get in touch with food.

[Pharma filter](#)

Umbrella term for filter plants especially designed for pharmaceutical production pharmazeutische Produktion designte Filteranlagen

[Pilot filter](#)

Pilot filter for process testing

[Plan filter](#)

Predominantly flat depth-loading filter

[Pleated filter element](#)

Pleated, flat filter element

[Pocket filter](#)

Flexible filter medium that is formed to a flat pocket (sewn or welded)

[Pocket filter plant](#)

Filter plant with pocket filter elements

[Point filter](#)

Filter system that is positioned direct above a conveyor system or machine. lb einer Förderanlage oder Maschine positionierte Filteranlage

[Pollutants](#)

colloquial: harmful substances and mixtures in the environment.

[Polyester](#)

Universal filter medium

[Pore](#)

Very small opening

[Pore density](#)

Amount of pores per surface unit

[post cleaning](#)

Cleaning after switch off of a filter

[Powder](#)

Dry, very fine milled solid.

[Pre-separator](#)

Additional pre-separating stage with integrated or upstream filter.

[Precoating](#)

[Prefilter](#)

Filter stage with low separating capacity for protection of a second filter stage.

[Pressure compensating filter](#)

Dust filter without fan for reduction of inner pressures in devices of all kinds.

[Pressure loss](#)

see differential pressure

[Pressure relief](#)

see discharge valve

[Pressure resistance](#)

Constructive resistance of a filter plant.

[Pressure shock resistance](#)

Constructive resistance of a filter plant.

[Pressure tank](#)

Closed vessels, whose internal pressure is above the ambient pressure.

[Preventive explosion protection](#)

Measurements that prevent ignition of dangerous explosive atmosphere by eliminating of at least one explosion conditions

[Principle of partial load](#)

Special explosion protection principle considering the ratio between raw and clean gas volume of a filter plant
Besonderes Explosionsschutzprinzip unter Berücksichtigung des Verhältnisses zwischen Roh- und Reingasvolumen einer Filteranlage

[Process dedusting](#)

cf. dedusting plant

[Process filter](#)

Filter systems that are completely integrated in a production process.

[Product recovery](#)

Return of the separated dust to a production process.

[Product separating filter](#)

Filter with product recovery

[Product-wetted components](#)

Components with contact to dust

[Proximity switch](#)

Initiator for reporting operating conditions

[PTFE](#)

Polytetrafluorethylene

[Pulse duration](#)

Opening time of the cleaning valve

Market place

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

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