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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P&I DIAGRAM

Pipe and instrumentation diagram

PANEL FILTER

Filter mats

PANEL FILTER
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 productionharmazeutische 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 procuction 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

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 newsletterand make sure to receive free tickets for our trade fairs.