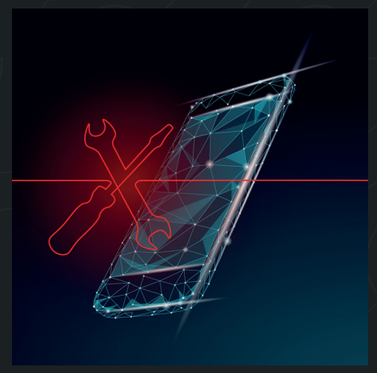
SERVICE OF FILTRATION EQUIPMENT

Service of filtration devices is for us as important as selling or installation of new extraction devices. We approach service activities professionally – we deal with keeping records of filter service history and also improving the ASF system, filter self-diagnostic system, which automatically predicts future machine faults. We perform service activities for our own products, but we also service filters from other manufacturers, to take comprehensive care of the client.



Self-Diagnostic Filter System ASF

Do you operate a filtration plant on which your production technology depends? In the event of any failure of the filtration technology, are you forced to shut down the production line? Is the cleanliness of the working environment so important to you that you cannot afford unplanned outages of filtration technology? We have the ideal ASF Self-Diagnostic Filter System for you.

Replacement of filter medium

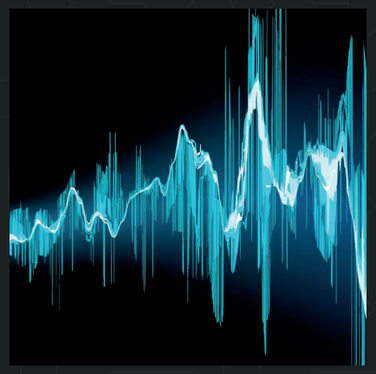
Our service department provides replacement of filter medium of our filters and also of filters from other manufacturers. We keep basic spare parts for G&G filters in stock, the spare parts for service of the other manufacturers we usually provide within one to two weeks. With the SERVIS 24 service contract variant, all necessary material is stored in our stock or in the client's stock.

Mechanical repairs of filter units

Our service staff performs mechanical repairs of filtration systems. Mechanical damage occurs mainly due to the extraction of abrasive dust and high extraction speeds. The most common damage occurs due to abrasion of air handling units in the suction pipe, damage to the hopper of filter units or entire parts of filter units.

Dynamic balancing of fans

We focus on non-disassembly balancing of fan rotors. We balance transport fans and exhaust radial fans. We specialize in balancing fans in filtration systems directly at clients, in a non-disassembled manner.



PRICE LIST OF SERVICE OPERATIONS

Price for diagnostics of filtration technology

Diagnostics of filtration systems up to 5,000 m³ / h	200	EUR / system
Diagnostics of filtration systems up to 30,000 m³ / h	480	EUR / system
Diagnostics of filtration systems up to 100,000 m³ / h	800	EUR / system
Determining the service plan	200	EUR / system

Price of filter media - basic price list

Filter pockets 0.53 m² (PES-OH-A resistance 150 ° C)	10	EUR / pcs
Filter bags 0.7 m² (PES-OH-A resistance 150 ° C)	11	EUR / pcs
1.5 m² filter bags (PES-OH-A resistance 150 ° C)	15	EUR / pcs
Filter bags 1.75 m² (PES-OH-A resistance 150 ° C)	17	EUR / pcs
Filter hose D127 (PES-OH-A resistance 150 ° C)	5	EUR / m
Filter hoses D150 (PES-OH-A resistance 150 ° C)	5	EUR / m
Filter hoses D160 (PES-OH-A resistance 150 ° C)	6	EUR / m
Filter hoses D200 (PES-OH-A resistance 150 ° C)	7	EUR / m
Filter cartridges - according to the manufacturer of the filter unit	92 - 360	EUR / pcs
Filter cartridges - according to the manufacturer of the filter unit	112 - 360	EUR / pcs

Price of basic spare parts

Rotary feeder bars - according to the type of rotary feeder	14 - 28	EUR / pcs
Distribution sleeve D500 - material 350 g / m2	28	EUR / m
Distribution sleeve D600 - material 350 g / m2	34	EUR / m
Distribution sleeve D710 - material 350 g / m2	40	EUR / m
Distribution sleeve D800 - material 350 g / m2	50	EUR / m
Distribution sleeve D900 - material 350 g / m2	51	EUR / m

Price of basic operations

Measurement of fan vibrations and condition of motor bearings	20	EUR / operation
Checking the overall condition of the fan (vibration, bearings, rotor, bearing, flexible connections)	36	EUR / operation
Checking the regeneration function (pressure vessel tightness, valve function, adjustment)	28	EUR / operation
UV diagnostics and determination of the extent of damage to filter media	228	EUR / operation
Oil change in the rotary feeder gearbox (new filling, ecological disposal)	80	EUR / filling
Fan vibration balance up to 15.0 kW	220	EUR / operation
Fan vibration balance up to 55.0 kW	312	EUR / operation
Thermodiagnostic measurement of joint warming at the switchboard	28	EUR / operation

Unit price of labor

Price of a service technician on the road	16	EUR / hod
Price of the service technician during service operations	22	EUR / hod
Price of accommodation	36	EUR / nocľah
Price for shipping	0,5	EUR / km

Individual service interventions are charged according to the work actually performed on the basis of the service sheet. The price for diagnostics of filtration technology does not include the cost of transporting the equipment.

G&G filtration, s.r.o.
www.ggfiltration.com/service

G&G FILTRATION

SAMPLE SERVICE PLAN

A Fan

č.	Operation	Character	Priority	Daily	Quarterly	Yearly	As needed
A1	Visual inspection of the fan function	O	1	X			
A2	Evaluation of fan vibrations	M	2	X			
A3	Engine temperature check	M	2	X			
A4	Check and record fan vibrations	M	3	X			
A5	Checking and recording fan power (Q m3 / hour)	M	3	X			
A6	Checking and recording the pressure in the suction and exhaust pipes	M	3	X			
A7	Check fan mounting	O	1		X		
A8	Check the integrity of the fan connection points	O	1		X		
A9	**Check the tightening of the foundation bolts, bearings and wheel bolts and set bol**	O	1		X		
A10	Check the condition and tension of the drive belts if they are part of the fan	O	1		X		
A11	Check the mechanical wear of the fan rotor blades	O	1		X		
A12	Cleaning of deposits from the fan rotor	O	1		X		
A13	Lubrication of motor bearings and shaft bearings	O	1		X		
A14	Checking, measuring and recording the size between the rotor and the inlet nozzle	O	2			X	
A15	Check inlet nozzle for wear	O	2			X	
A16	Inspection and repair of corroding parts of the fan surface with paint	O	2			X	

B Filtration unit

č.	Operation	Character	Priority	Daily	Quarterly	Yearly	As needed
B1	Checking and cleaning the dust container	S	1	X			
B2	Compressed air pressure control	M	2	X			
B3	Checking and recording the pressure loss of the filter medium	M	1	X			
B4	Checking and recording the pressure and temperature in the piping in front of the fil	**M**	**3**	**X**			
B5	Checking and recording the pressure and temperature in the exhaust pipe	M	3	X			
B6	Checking the operation of the regeneration pole function	M	2	X			
B7	Draining compressed air condensate	O	1	X			
B8	Checking the tightness of pneumatic regeneration elements, pressure vessels, valve:	O	1		X		
B9	Inspection of the inner part of the hopper and removal of sediments	O	1		X		
B10	Check the function of all solenoid valves	O	1		X		
B11	Check the tightness of the filter housing, hopper, dividing plane	O	1			X	
B12	Inspection and repair of corrosive parts of the filter surface with paint	O	2			X	
B13	Replacing the filter media	O	1				X

C Safety elements according to ATEX

č.	Operation	Character	Priority	Daily	Quarterly	Yearly	As needed
C1	Lubrication of the shaft bearing of the non-return damper	O	1		X		
C2	Verification of the function of the non-return safety flap sensor	O	1		X		
C3	Check the piping for leaks between the filter and the safety flap	O	1		X		
C4	Checking the rupture of rupture membranes	O	1		X		

D Electrical switchboard

č.	Operation	Character	Priority	Daily	Quarterly	Yearly	As needed
D1	Inspection and recording of production consumption for all engines	O	2		X		
D2	Cleaning the inner part of the electrical switchboard from sediments	O	1		X		
D3	Cleaning of filters for ventilation of electrical switchboard	O	1		X		
D4	Check the tightening of the joints of the ends of the wires, check the heating of the	O	1			X	
D5	Replacement of filters for electrical switchboard ventilation	O	1			X	

E Rotary dust feeder

č.	Operation	Character	Priority	Daily	Quarterly	Yearly	As needed
E1	Checking the function of the parent - rotating the rotor	O	1	X			
E2	Inspection of bearings - unusual clearances, sound effects, temperature	O	1		X		
E3	Lubrication of separator bearings	O	1		X		
E4	Visual inspection of all feeder sealing strips	O	1		X		
E5	Check the oil level in the feeder gearbox	O	1		X		
E6	Check the tightening of the bolts of bearings, housing, gearbox, feeder mounting	O	1		X		
E7	Checking the connecting pipe, pipe integrity	O	2		X		
E8	Checking the engine output under operating conditions	O	2		X		
E9	Physical inspection of all rubber sealing strips of the feeder, replacement of strips	O	1			X	
E10	Physical inspection of the feeder casing	O	1			X	
E11	Inspection and repair of corroding parts of the feeder surface with paint	O	2			X	

F Screw dust conveyor

č.	Operation	Character	Priority	Daily	Quarterly	Yearly	As needed
F1	Conveyor function check, auger rotation	O	1	X			
F2	Inspection of bearings - unusual clearances, sound effects, temperature	O	1		X		
F3	Conveyor bearing lubrication	O	1		X		
F4	Check the oil level in the auger gearbox	O	1		X		
F5	Check the clutch between the gearbox and the rotor	O	2		X		
F6	Check the tightening of the bolts of the bearings, housing, gearbox, screw attachment	O	1		X		
F7	Checking the connecting pipe, pipe integrity	O	2		X		
F8	Checking the engine output under operating conditions	O	2		X		
F9	Physical inspection of the auger, wear, bending	O	1			X	
F10	Physical inspection of the auger casing - wear, tightness of covers - resealing	O	1			X	
F11	Inspection and repair of corroding parts of the surface of the screw conveyor by pain	O	2			X	

M = measurement
O = operation
S = service

1 = necessarily
2 = appropriate
3 = recommended