

End-of-Life Information

Grundfos Prefabricated Pumping Stations PS.G and PPS must be disposed of according to local regulations by using a public or private waste collection service. If this is not possible, contact the nearest Grundfos company or service workshop.

Safety Risks

Safety related to the materials used

- There is no risk for people during the disassembly process posed by the materials used for the product.

Safety related to the handling of the product

- Caution is required when accessing the inside of the tank as it may be toxic, due to the previously handled wastewater.
- Before entering the pit, make sure that the cover and safety grid are locked in open position and that the pit is ventilated according to local regulations.
- When entering the pit, wear a safety harness and use approved equipment for lifting persons up from the pit according to local regulations.
- Caution is required, because there might be loose parts in the PS.G and PPS prefabricated pumping stations, such as aluminium hatch, safety grid, float switches, pressure sensors, ladder, service platforms and screen baskets. Be careful when removing them during the disassembling.
- Pay attention that the components which were prior in contact with media which is harmful to health or toxic like wastewater, might be classified as contaminated and shall be handled as such.
- Caution is required during handling, due to the heavy weight of the pit and other components.
- Relieve the pressure by draining the system before dismantling the pipework.

Disassembly of the Product

The main materials of the PS.G and PPS products are:

- Glass fiber reinforced plastic
- Stainless steel
- Styrofoam
- Polyethylene (PE)
- PVC
- Cast iron
- Epoxy-coated cast iron
- Galvanised steel
- Aluminium
- Concrete

Depending on the national possibilities for recycling, the materials can be recycled to a large extent. The pumps, the cover, the valves and the pipework can be removed with standard tools.

Number	Name	Material	Special Disassembly Consideration
1	Cover	Glass fiber reinforced plastic	Laminated to the pit
	Cover for traffic	Concrete, cast-iron	
2	Hatch	Aluminium	
3	Hatch insulation	Styrofoam	
4	Gas springs	Stainless steel	
5	Safety grid	Galvanised steel, stainless steel	

6	Vent pipe	Stainless steel	
7	Handrail	Stainless steel	
8	Outlet	Stainless steel	
9	Ladders and ladder	Aluminium, stainless steel	
10	Service platform	Aluminium	
11	Inlet	Stainless steel, PVC	
12	Screen basket	Stainless steel	
13	Guide rails for screen basket	Stainless steel	
14	Piping	Stainless steel, polyethylene	
15	Lifting chain	Stainless steel	
16	Pump	-	
17	Auto coupling	Epoxy-coated cast iron, stainless steel	
18	Float switch	-	
19	Mounting plate for pumps	Stainless steel	
20	Pit	Glass fiber reinforced plastic	
Additional materials:			

