

# End-of-Life Information

Grundfos Prefabricated Pumping Stations PS.R and PS.W 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 materials used

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

Safety related to handling 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.R and PS.W prefabricated pumping stations, such as aluminium or plastic cover, aluminium or cast iron hatch, safety grid, float switches, pressure sensors, ladder 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.R and PS.W products are:

- Polyethylene (PE)
- Polypropylene (PP)
- Stainless steel
- PVC
- Cast iron
- Epoxy-coated cast iron
- Aluminium
- Concrete

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

Number	Name	Material	Special Disassembly Consideration
1	Pit	Polyethylene, polypropylene	
2	Cover	Polyethylene, aluminium	
	Cover for traffic	Concrete, cast iron	
3	Pressure pipe	Stainless steel, polyethylene	
4	Non-return valve	Epoxy-coated cast iron, stainless steel	
5	Closing valve	Stainless steel, polypropylene	
6	Outlet pipe	Stainless steel, polyethylene	
7	Auto coupling	Epoxy-coated cast iron, stainless steel	

8	Guide rails	Stainless steel	
9	Pump	-	
10	Float switch	-	
11	Lifting chain	Stainless steel	
<b>Additional materials:</b>			



