

# SANITATION AND WASTEWATER TREATMENT



CHANNEL



WASTE




WASTEWATER




STRONG PROJECTION

The water and wastewater treatment professions are subject to numerous risks, particularly chemical and biological. Body protection must be adapted to the chemicals present in wastewater and necessary for water treatment. Workers also have to deal with the risk of splashing liquids when pipes leak.

RISKY PRODUCTS AND AGENTS					
CHEMICALS CARRIED BY WASTEWATER AND WASTEWATER TREATMENT	<ul style="list-style-type: none"> <li>Hydrocarbons</li> <li>Petroleum solvents</li> <li>Chlorine</li> <li>Lime</li> <li>Heavy metals</li> </ul>	✗	✓	✗	✗
	<ul style="list-style-type: none"> <li>Glycol ethers</li> <li>Ferric chloride</li> <li>Bleach</li> <li>Various flocculants</li> <li>Sulfuric acid</li> <li>Methanol</li> <li>Detergents</li> </ul> <ul style="list-style-type: none"> <li>Bleaching agents</li> <li>Insecticides</li> <li>Fungicides</li> <li>Herbicides</li> <li>Paints</li> <li>Glue and resin solvents</li> </ul>	✓	✓	✓	✓
BIOLOGICAL AGENTS IN WASTEWATER	<ul style="list-style-type: none"> <li>Bacteria</li> <li>Fungi and protozoa</li> <li>Algae and viruses</li> </ul>	✓	✓	✓	✓

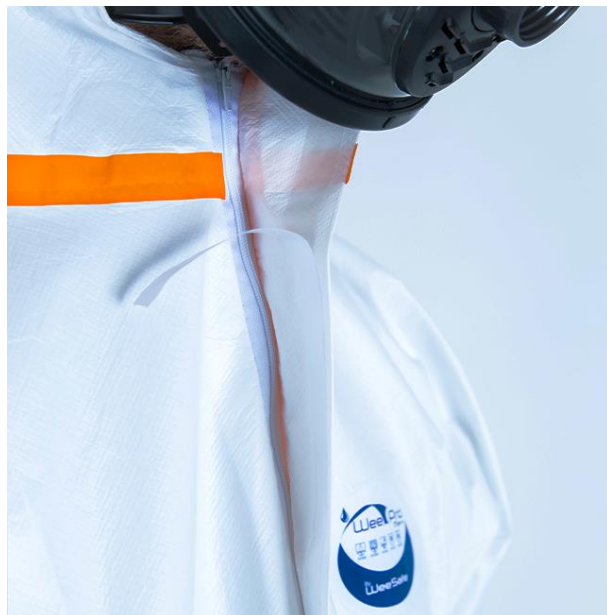
HIGH-RISK JOBS - SANITATION					
SANITATION WORKER	<ul style="list-style-type: none"> <li>Maintenance and cleaning of the wastewater drainage network</li> <li>Unblocking of pipes</li> <li>Cleaning of pre-filters and screening</li> <li>Collection of stray or dead animals</li> </ul>	✓	✓	✓	✓
SEWER	<ul style="list-style-type: none"> <li>Maintenance and cleaning of pipes</li> <li>Cleaning and cleaning of the wastewater or rainwater drainage network</li> <li>Unblocking of the sanitation network by hydro-cleaning (high-pressure jet)</li> <li>Sealing of leaks on pipes and routine repairs to sanitation structures and networks</li> <li>Collection of stray or dead animals</li> </ul>	✗	✓	✓	✗
DRIVER	<ul style="list-style-type: none"> <li>Pumping, cleaning, high and very high pressure cleaning</li> </ul>	✗	✓	✓	✗

RISKY OCCUPATIONS - WASTEWATER TREATMENT		
WATER QUALITY AGENT	<ul style="list-style-type: none"> <li>Checking the proper functioning of wastewater treatment facilities, including valves, pumps and filters</li> <li>Troubleshooting and repair work</li> <li>Dosing of purification chemicals</li> <li>Dewatering of sludge</li> </ul>	✓
WATER TREATMENT EQUIPMENT OPERATOR	<ul style="list-style-type: none"> <li>Checking the proper functioning of valves, pumps and filters</li> </ul>	✓
DRINKING WATER TREATMENT TECHNICIAN	<ul style="list-style-type: none"> <li>Routine operations such as washing filters or preparing treatment products (reagents)</li> <li>Troubleshooting and repair work (mechanical, general maintenance)</li> </ul>	✓



### Type 3/4/5/6 coverall

Protection against sprays in the form of aerosols and low concentration chemicals. When handling or disposing of potentially contaminated materials, objects or animals, its taped seams protect against aerosols and very fine contaminated particles. Highest test results in EN14126, Category 3 Type 4.



REFERENCE	SIZE
WL-PMP-02	M
WL-PMP-03	L
WL-PMP-04	XL
WL-PMP-05	XXL
WL-PMP-06	XXXL

- Antistatic treatment on both sides (internal and external)
- Zipper with self-adhesive flap
- Waterproof heat-sealed seams
- 3-piece hood for a perfect fit to the protective mask
- Elasticated thumb loop for joining with gloves
- Standardized against biological risks

### Type 3B/4B/5B/6B coverall

Optimum protection against highly concentrated and contaminated chemical liquids. Standardised against biological risks (contaminated blood and solids). Its high-density outer coating ensures optimum resistance to abrasion.



REFERENCE	SIZE
WL-J1-02	M
WL-J1-03	L
WL-J1-04	XL
WL-J1-05	XXL

- Antistatic treatment on both sides (internal and external)
- Zipper with self-adhesive flap
- Waterproof covered seams
- 3-piece hood for a perfect fit to the protective mask
- Elasticated thumb loop for junction with gloves
- Light and flexible for more comfort and freedom of movement
- Standardized against biological risks





### Type 3B/4B/5B/6B coverall

Heat-sealed seams and double adhesive flap provide optimum protection against liquid splashes. Its zip with grip ring makes it easy to use with thick gloves. Standardised against biological hazards and solid radioactive particles.



REFERENCE	SIZE
WL-J2-02	M
WL-J2-03	L
WL-J2-04	XL
WL-J2-05	XXL
WL-J2-06	XXXL

- Lightweight, low-noise material that remains completely splash-proof
- Increased protection on the front with its double adhesive flap and chin strap
- Easy grip on the zip thanks to a ring that is easily accessible even with thick gloves
- Seams with heat-bonded strips ensure a perfect seal
- Protection against biological hazards and solid radioactive particles



### Type 4B/5B/6B coverall

Protection against liquid splashes and aerosols. Protects against pesticides in accordance with EN ISO 27065 - Level C2\*. Features a chin strap to adjust to the mask and elasticated wrists, ankles and waist for maximum comfort and protection.

\*This standard assesses the effectiveness of clothing against the penetration and permeation of chemicals.



REFERENCE	SIZE
WL-PMG-02	M
WL-PMG-03	L
WL-PMG-04	XL
WL-PMG-05	XXL

- Heat-bonded seams, impervious to liquid and aerosol splashes
- Protects against the penetration of pesticides (Standard EN ISO 27065 - Protection level C2)
- Antistatically treated material facilitates the dissipation of electrostatic charges
- Chin strap for optimum fit around a full respiratory protection mask
- Elasticated cuffs, ankles and waist for a better fit

# UNDRESSING, A RISKY MOMENT

When short-use protective suits are used, there is a high risk of contamination during the operation and when undressing.

The wearer must carefully adjust the suit at the hood, wrists and ankles. When undressing, a strict procedure must be followed to avoid any contact with the outside of the suit.



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