

RISK ASSESSMENTS

WALKING TOURS

Magni Mundi Oy

Risk	Probability	Consequences	Multiplier	Actions
Fire in the building	1	3	3	Building has smoke detectors and extinguishers. The guide must know the best exit routes and extinguisher locations.
Medical emergency (Customer)	1	3	3	First aid; guide must know the location of first aid kits. Call 112.
Medical emergency (Guide)	1	3	3	First aid provided by customers. Call 112. The group leader takes responsibility for the group.
Customer trips on pavement	2	1	2	Guide warns in advance if there are unusual obstacles on the route. First aid and 112 if necessary.
Customer hit by a vehicle	1	3	3	The guide always waits at traffic lights to ensure the entire group crosses during the green light. At intersections without lights, the guide ensures drivers see the group and yield before crossing. First aid and call 112 if necessary.

BUS TOURS

Magni Mundi Oy

Risk	Probability	Consequences	Multiplier	Actions
Liikenneonnetto muus	1	3	3	First aid, checking the well-being of all group members. Call 112.
Medical emergency (Customer)	1	3	3	First aid; guide must know the location of first aid kits. Call 112.
Medical emergency (Guide)	1	3	3	First aid provided by customers. Call 112. The group leader takes responsibility for the group.
Fire in the bus	1	3	3	Bus exit routes are marked and equipment is easily accessible. Call 112. Guide helps the group out and checks everyone's condition.
The bus air conditioning is not working, and the heat is rising inside the vehicle..	1	1	1	The guide directs the group out of the bus and into the shade, arranging drinking water whenever possible. The guide checks on the well-being of all group members. The transport operator arranges for a replacement bus to arrive at the location.
Vehicle Breakdown	1	1	1	The guide directs the group to exit the bus if necessary, or to wait inside the bus while the situation is being resolved. The transport operator either arranges for a replacement bus or repairs the fault quickly (e.g., a flat tire).

CULTURAL-HISTORICAL BUILDINGS				Magni Mundi Oy
Risk	Probability	Consequences	Multiplier	Actions
Fire in the building	1	3	3	Building has smoke detectors and extinguishers. Guide must know the best exit routes and extinguisher locations.
Medical emergency (Customer)	1	3	3	First aid; guide must know the location of first aid kits. Call 112.
Medical emergency (Guide)	1	3	3	First aid provided by customers. Call 112. The group leader takes responsibility for the group.
Customer trips on thresholds or stairs	2	1	2	Guide warns in advance if there are unusual obstacles on the route. First aid and 112 if necessary.

Probability: 1 = Unlikely, 2 = Possible, 3 = Likely

Consequences: 1 = Slightly harmful, 2 = Harmful, 3 = Extremely harmful

Multiplier: The risk score (Probability × Consequences): 1 = Insignificant / Negligible, 2 = Minor, 3 = Moderate,

4–5 = Significant, 6–9 = Intolerable / Unacceptable

WASTEWATER TREATMENT PLANT				Magni Mundi Oy
Risk	Probability	Consequences	Multiplier	Actions
Fire in the building	1	3	3	Building has smoke detectors and extinguishers. Guide must know the best exit routes out of the plant.
Medical emergency (Customer)	1	3	3	First aid; guide must know location of first aid kits. Call 112 and notify plant staff.
Medical emergency (Guide)	1	3	3	First aid. Call 112. Two guides or a guide and a teacher (for schools) always travel with the group. The second leader takes over. Teacher is given the staff's number at the start.
Customer trips on stairs	2	1	2	Guide warns in advance of obstacles. First aid, 112, and notify plant staff if necessary.
Customer hit by a vehicle	1	2	2	The guide positions themselves during stops so that they can see vehicles moving in the area and, if necessary, directs the group out of the way of oncoming traffic. Do not stop on truck routes if a warning signal is sounding. First aid, 112, and notify plant staff if necessary.
Equipment failure or other situation triggering an alarm at the treatment	1	3	3	Follow the instructions provided by the treatment plant staff and exit the premises promptly.
An object falling into the waste tank/basin.	2	1	2	At the beginning of the tour, the guide describes the types of facilities being visited and warns against dropping objects into the water. Dropped objects cannot be recovered.
A person falling into the waste tank/basin	1	3	3	At the start of the tour, the guide explains the safety rules for the treatment plant circuit. Two guides accompany the group. Falling into a basin is only possible by climbing over the railing; the two guides and the group leader should be able to prevent such intentional risk-taking before a fall occurs. In the event of a fall, contact the treatment plant staff immediately; they will take control of the situation. First aid, 112, if necessary.

Probability: 1 = Unlikely, 2 = Possible, 3 = Likely

Consequences: 1 = Slightly harmful, 2 = Harmful, 3 = Extremely harmful

Multiplier: The risk score (Probability × Consequences): 1 = Insignificant / Negligible, 2 = Minor, 3 = Moderate,

4–5 = Significant, 6–9 = Intolerable / Unacceptable

This document is based on the Finnish original that has been updated 1.8.2025 / Magni Mundi Oy