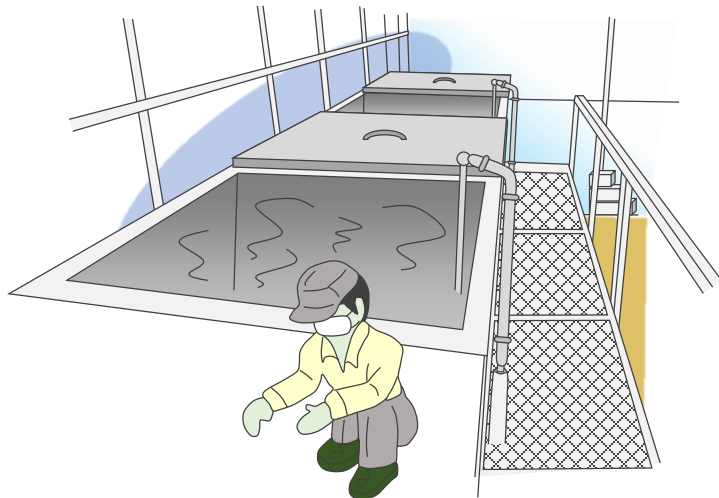


Case involving organic solvent poisoning during cleaning of paint film removal/cleaning tank for painting jigs for automotive parts



[Location of accident]

Removal/cleaning tank for painting jigs in an automotive parts manufacturing plant

[Cause of accident]

The worker involved entered the removal/cleaning tank at around 3:30 pm to remove paint sludge. The work entailed collecting sediment from the bottom of the tank and discharging it outside. The accident occurred at 4:10 pm after the sediment was discharged three times.

[Damage/injuries]

The worker was discovered unconscious, crouched at the bottom of the tank, and was rushed to the hospital for treatment. The worker regained consciousness approximately 2 hours 10 minutes after the accident.

Extract from [Preventive measures]

- [1] Use methods to strip paint from painting jigs that do not involve organic solvents.
- [2] Install ventilation equipment inside the area and monitor the working environment.



Riken Keiki Recommendations

Wearing personal PID monitors during work allows monitoring of exposure conditions and contributes to risk assessments of chemicals.