



Safety and Health Initiatives

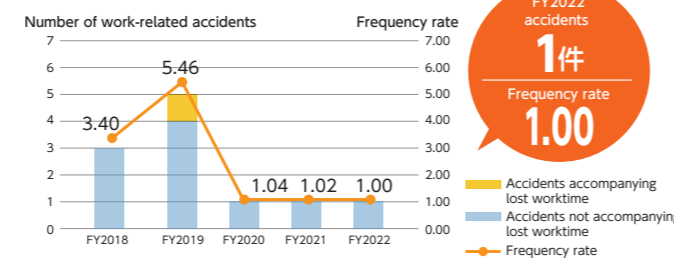
At Fujikura Kasei, we strive to create a workplace where employees can work safely and securely. To achieve this, we have formulated an Occupational Safety and Health Policy and run an occupational safety and health management system that complies with ISO45001.

Activities to achieve zero occupational accidents

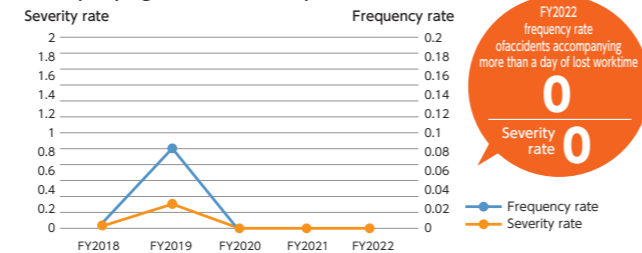
Number of occupational accidents

In fiscal 2022, an accident not resulting in lost worktime occurred at the R&D Center. The annual goal of achieving zero occupational accidents consequently failed to be achieved. Taking seriously the repeated occupational accidents that have occurred in the past, we will seek to prevent them in the future. We will examine danger sources that have been identified based on past incidents in addition to risk predictions and will reexamine the validity and effectiveness of countermeasures.

Number of work-related accidents and their frequency rate



Frequency rate and severity rate of accidents accompanying more than a day of lost worktime



Indicators of occupational accidents

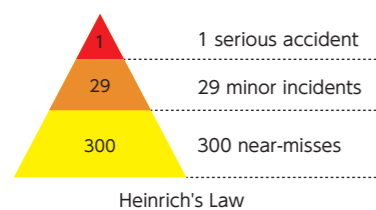
No accidents resulting in lost worktime occurred in fiscal 2022. Therefore, we maintained a frequency and severity rate of zero for accidents resulting in more than a day of lost worktime. We will continue to monitor the occurrence of occupational accidents resulting in more than a day of lost worktime by using the two rates as indicators.

Safety best practices

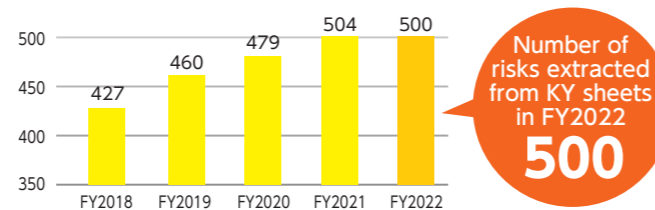
Risk prediction (KY) activities

Every year at Fujikura Kasei we engage in activities to predict potential risks across the company. In fiscal 2022, we identified 500 potential risks (99% on last year) within the company. Needless to say, we are working hard to reduce the number of potential safety and health risks at each business base. We aim to achieve zero occupational accidents by raising awareness among all employees of this idea, continuously minimizing potential risks.

Industrial accident = Unsafe situation × Unsafe act



Number of risks extracted from KY sheets at Fujikura Kasei



Activities to reduce exposure to chemical substances <Fujikura Kasei Nagoya Branch>

When handling chemical substances, we require our workers to wear protective equipment based on proper risk assessment to prevent them from coming into direct contact with or being exposed to the substances. Furthermore, improvement activities have been implemented per work process, such as measuring individual chemical exposure and identifying problems in existing operations, and personal exposure has been reduced by 57% as a result of these activities.



Measuring exposure during product-filling work



Half-closed lid to reduce exposure risk during product-filling work

Reduced psychological burden by the introduction of a weight checker <Fujikura Kasei Sano Plant>

Product-filling work used to be manual work, such that when there were many vessels to fill, the work placed a particularly heavy psychological burden on workers. The introduction of a weight checker made it possible to automatically verify volume, number of vessels, and processing amount per hour, and the psychological burden on workers was mitigated.



Verification of filling volume using a loading cell



Counting the number of filled vessels using a sensor

Initiatives to prevent contact accidents between forklifts and pedestrians <Fuji Chemical>

On the shop floor, forklift paths and pedestrian paths are color-coded to prevent contact accidents between forklifts and pedestrians. Safety is secured, because the two do not intersect each other. Additionally, when a forklift passes through the plant's entrance, a buzzer sounds to warn pedestrians.



Dedicated forklift paths



Dedicated pedestrian paths



Vehicle safety sign paths

Elimination of protruding wires on drum lifters <Fujikura Kasei Malaysia>

The drum lifters are equipped with a metal cover to protect workers, but protruding wires have created the risk of occupational accidents in the form of cuts and scratches if workers come into contact with them. To eliminate this risk, the protruding wires were trimmed to prevent occupational accidents.



Before



After

Installation of a portable safety shower <Fujichem Sonneborn>

Large amounts of raw ingredients and products are handled in the outside shipping area. However, even if a worker accidentally came into contact with a harmful substance, prompt treatment was not possible, as no eye washer or shower was installed in the plant. Installing a portable safety shower outside the plant made it possible to provide immediate treatment.



Portable safety shower

Improved method of securing the flexible hose to the local exhaust <Fujikura Kasei (Thailand)>

A local exhaust is used in the mixing process to prevent organic solvent fumes from dispersing in the work area. However, fumes cannot be efficiently released outside if the flexible hose is set improperly. By steadily securing the hose using a specially made jig, the local exhaust became able to be used efficiently.



Before



After



Securing jig