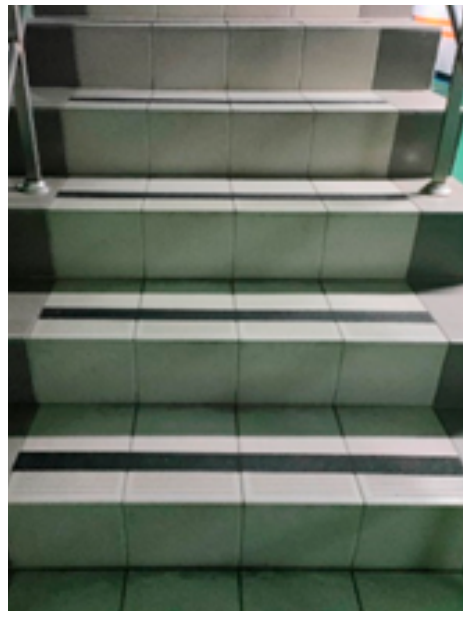
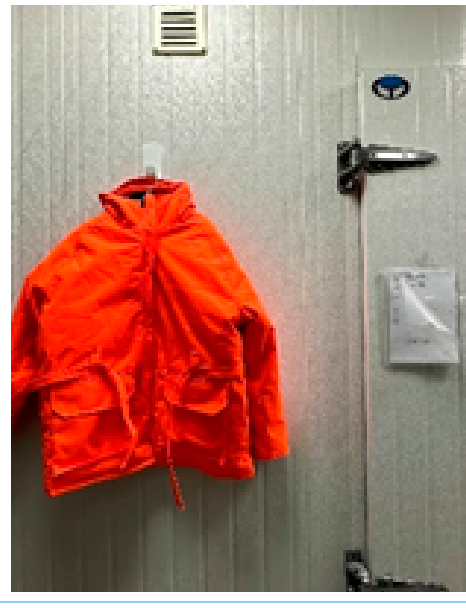
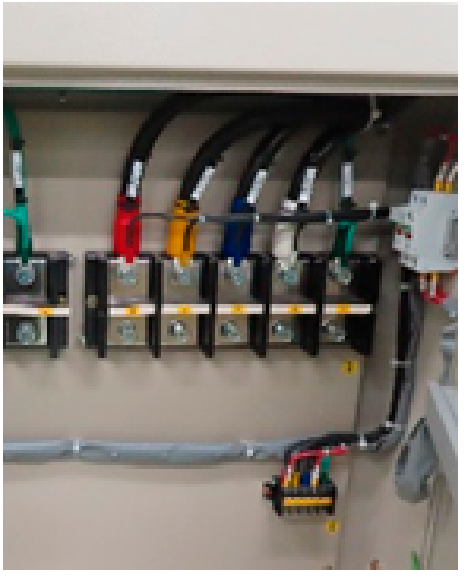
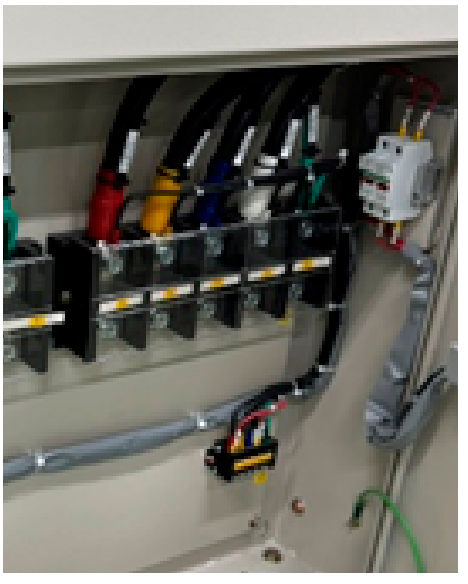
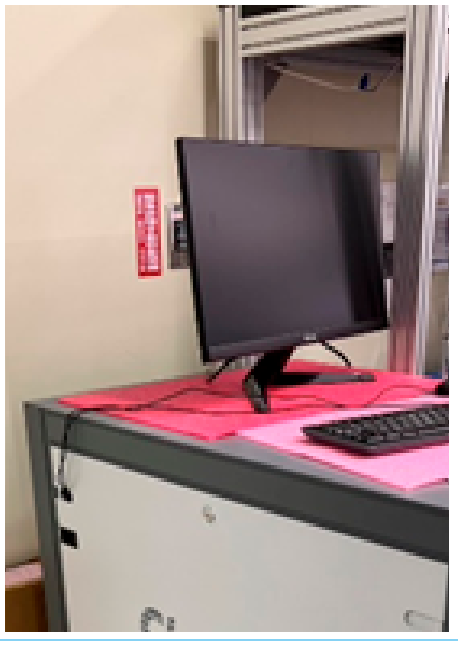
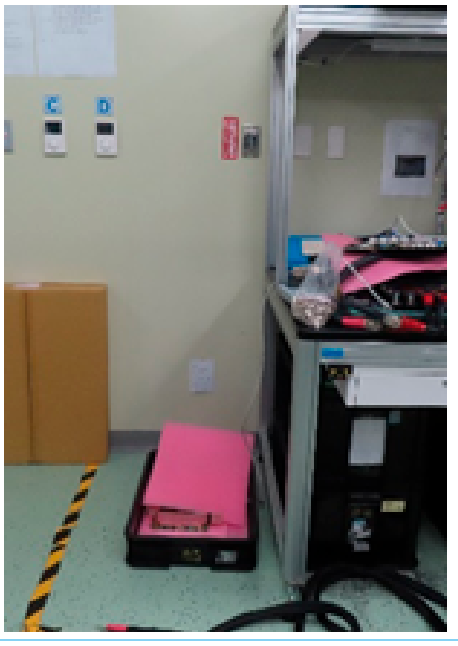
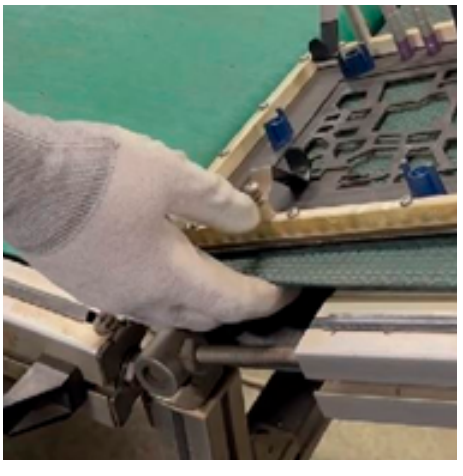
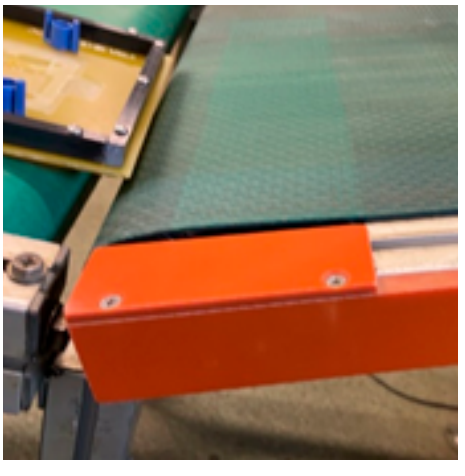
Number	Management approach	Explanation	Improvement Measures
1	Falling Object Hazard Analysis	Improper placement of equipment may pose a risk of falling and injury.	Placing the equipment properly in the cart to prevent the risk of falling and injury.
			
		During equipment assembly, the ab-sence of a fall-prevention mecha-nism for the door panel may pose a risk of falling and injury.	The equipment process has been im-proved by using lightweight door panels with magnetic attachments in new models, reducing the risk of falling and injury during disassem-bly.
			

Number	Management approach	Explanation	Improvement Measures
3	On-Site Environmental Safety Assessment	Anti-slip strips were not applied to stair tiles, creating a risk of slipping in wet conditions such as on rainy days.	Anti-slip strips have been applied to reduce the risk of slipping.
			
4	Low-Temperature Operation Hazard Analysis	Personnel entering the freezer for short-term low-temperature tasks may face risks if protective gear is not provided.	Hazard warning signs for low-temperature operations have been posted at the entrance, and insulated coats are provided to reduce the risk of frostbite or hypothermia.
			

Number	Management approach	Explanation	Improvement Measures
5	Electric Shock Hazard Analysis in Laboratories	Distribution panels and metal connectors in the laboratory were not equipped with partition plates or acrylic insulation covers as required, posing a risk of electric shock during operation.	To prevent electric shock hazards, it is recommended to install partition plates or acrylic insulation covers throughout.
			
6	Obstructed Fire Extinguisher	In the laboratory, fire extinguishers were found to be obstructed by objects, compromising fire safety.	The area in front of the fire extinguisher has been cleared and marked with warning tape to prevent obstruction and ensure emergency accessibility.
			

Number	Management approach	Explanation	Improvement Measures
7	Obstructed Emergency Smoke Exhaust Switch	In the laboratory, the emergency smoke exhaust switch was found to be obstructed by objects.	The area in front of the emergency smoke exhaust switch should be cleared to prevent obstruction and ensure emergency accessibility.
			
8	Pinch Point Hazard Analysis of Conveyor Belt Gaps	A large gap was found at the end of the conveyor belt, posing a risk of fingers being caught in the roller when personnel retrieve materials.	A cover plate has been installed over the gap to prevent fingers from accidentally entering the space and being caught in the roller.
			

Number	Management approach	Explanation	Improvement Measures
2	Hazard Assessment of Exposure to Hazardous Chemicals	Chemical containers exceeding 100 ml without complete GHS labeling and without a spill tray may result in coolant leaking from the tubing onto the floor, posing risks of environmental contamination and employee exposure.	The chemicals were replaced with containers bearing complete GHS labels. In addition, plastic tubing was configured into a closed-loop system and placed within a spill tray to prevent coolant leakage.
			
3	On-Site Environmental Safety Assessment	Cables in the laboratory were not properly stored in cable trays, posing a tripping hazard.	Cables have now been properly stored in cable trays.