

Accidents and disasters (fiscal 2005–2007)

Date of occurrence	Type	Details	Location	Response
Jun. 25, 2005	Fire	Fire erupted from an urethane injector	Namerikawa	Extinguished by fire department
Jun. 29, 2005	Water damage	Water leaked from an air conditioner, and the distribution board under the stairs got wet	Kurobe	Handled internally (no secondary disasters)
Aug. 9, 2005	Leak	A small amount of oil (100-200 cc) leaked into the drain from the small hazardous materials storage room	Kurobe	Handled internally (no oil got outside the plant)
Nov. 9, 2005	Sparks	Lightning arrester broke due to age	Kurobe	No real damage was incurred, and the arrester was replaced a few days later.
Dec. 26, 2006	Vehicle accident	The driver forgot to engage the emergency brake on the nitrogen supply lorry when parking it on a slight incline, and it rolled forward and hit the outside wall of the plant.	Kurobe	No one was injured, and there were no oil or fluid leaks. Signs have been put up to remind drivers to engage the emergency brake when parking.
Jan. 30, 2007	Fire	A small fire was caused when resin leaked from an extruder came in contact with a heat source.	Kurobe	Extinguished by employees
Feb. 15 and Mar. 31, 2007	Leak	Near the east gate there was oil leaked on the ground which was likely from a vehicle.	Kurobe	Handled internally (no oil got outside the plant)
Mar. 20, 2007	Leak	Water-soluble lubricant was leaked into the drain	Makino	Handled internally (no oil got outside the plant)
Nov. 12, 2007	Leak	Abnormal Ph levels caused by recycled crushed stones	Kurobe	Disposed of in the emergency water tank (None leaked outside the plant)
Jan. 30, 2008	Fire	Fire damage to the bug filter on an outdoor dust collector	Makino	Extinguished by employees
Feb. 5, 2008	Fire	Small fire on the coating head of a coating machine	Kurobe	Extinguished by employees
Feb. 24, 2008	Water damage	High waves resulted in flooding at the Ekko manufacturing site and the fence collapsing	Ekko	Damages were repaired

Complaints from the community (fiscal 2005–2007)

Date	Location	Details	Response
Jul. 4, 2005	Irrigation channel near the Kurobe workplace	Wood shavings and leaves from trees cut within the plant block the irrigation channel that runs next to the river into which the plant's wastewater is drained causing the water to overflow.	We removed the wood shavings and leaves and told our employees to make sure they gather the shavings after trees are cut.
Nov. 30, 2005	Residence	Faxes from a contractor in Osaka intended for the Fastening Division keep getting sent to my number. Tell the contractor to be more careful.	We contacted the contractor and had them change their fax preset and apologize to the resident.
May 31, 2006	Dormitory	Motorcycles at the dorm are loud. Please make them stop.	We notified the head of the residents' association.
Jun. 17, 2006	Kurobe workplace Ekko district	When the grass is mowed, it gets onto my property, so I want something done about it.	We told the mower to gather the grass after mowing.
Jan. 8, 2007	Irrigation channel near the Kurobe workplace	Water is overflowing due to scraps from the fence construction and branches from the trees.	We checked the site and had the contractor remove the scraps and branches.
Feb. 3, 2007	Residences near the Kurobe workplace	A contractor who says he's from YKK keeps coming and trying to get me to let him work on my exterior walls even though I've declined repeatedly, and it's getting annoying.	We asked the person to write down the contractor's license plate number.
Mar. 31, 2007	Irrigation channel near the Kurobe workplace	I saw an aluminum plate in the irrigation channel that was about 5 meters wide, so you need to do something about it.	We checked the site and removed the plate.
Feb. 25, 2008	Monthly parking lot in front of JR Kurobe Station	The irrigation channel covers at the entrance are not all in place. It's dangerous, because pedestrians and bicyclists could fall into the irrigation channel.	We checked and put them back in place. We also told our employees to check them as they walk by.

Latent risks and prevention

As of March 2008

Type of risk	Plant	Possible causes of explosion if there is a fire	Possible causes of explosion or leakage if there is an earthquake	Possible causes of leakage if a river floods or an embankment is breached
High-pressure gas	Tohoku	LPG: 9.9 t, liquid nitrogen: 8.9 t, liquid argon: 15.4 t, liquid ammonia: 1.5 t		
	Kurobe	LPG: 11.9 t, liquid nitrogen: 7.8 t, liquid argon: 1.9 t, liquid ammonia: 1.0 t, liquid carbon dioxide: 3.8 t		
	Shikoku	LPG: 4.5 t, liquid nitrogen: 2.8 t, liquid argon: 2.8 t, liquid ammonia: 2.0 t		
	Kyushu	LPG: 60.0 t, liquid nitrogen: 2.0 t, liquid argon: 3.0 t, liquid ammonia: 2.0 t		
Dangerous substances (Heavy oil, kerosene, lubricating oil, hydraulic oil, etc.)	Tohoku	1,022 kl		
	Kurobe	2,214 kl		
	Shikoku	720 kl		
	Kyushu	380 kl		
Facilities susceptible to explosions if flooded	Tohoku	Melting furnace, boiler, concentrated sulfuric acid tank, hot-air drying furnace		
	Kurobe			
	Shikoku			
	Kyushu			
Chemicals (Main chemicals subject to the Poisonous and Deleterious Substances Control Law)	Tohoku	Sulfuric acid: 186 kl, caustic soda: 87 kl, ammonia: 11 kl		
	Kurobe	Sulfuric acid: 90 kl, caustic soda: 83 kl, hydrochloric acid: 4 kl, ammonia: 14 kl, cyanide (solid): 2.6 t, cyanide (liquid): 220 kl		
	Shikoku	Sulfuric acid: 34 kl, caustic soda: 17 kl, hydrochloric acid: 11 kl, ammonia: 4 kl		
	Kyushu	Sulfuric acid: 110 kl, caustic soda: 35 kl, hydrochloric acid: 6 kl, ammonia: 4 kl, cyanide (solid): 0.5 kg		
Prevention	All business locations	We are implementing disaster training simulations and thorough facility disaster prevention measures to promote understanding about and manage latent risks.		

Cooperation in local disaster prevention efforts (provision of disaster prevention equipment)

As of March 2008

Plant	Equipment for emergency use						Local cooperation	
	Oil adsorbing mats (Number)	Oil counteractive (Liters)	Oil fences (Number)	Sandbags (Number)	Alkali counteractive (Liters)	Acid counteractive (Liters)	Provision of refuge areas (Opening of sports grounds and other locations at times of disaster)	Provision of disaster prevention equipment (by request)
Tohoku	150	180	1	50	100	100	Yes	Yes
Kurobe	9,236	3,120	3	1,261	1,980	1,800	Yes	Yes
Shikoku	700	24	0	1,000	180	0	Yes	Yes
Kyushu	180	100	0	200	100	100	Yes	Yes