

Accidents and disasters (fiscal 2006–2008)

Date of occurrence	Type	Details	Location	Response
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
Jun. 30, 2008	Leak	Outflow of blackish water	Kurobe	Disposed of in the emergency water tank (none leaked outside the plant)
Jun. 30, 2008	Fire	Small fire that paper in the pit caught fire from the spark that occurred by welding work	Makino	Extinguished by employees
July 3, 2008	Others	Aluminum ingot spill at Iizawa intersection	outside	Hauler instructed to load them properly
Oct. 27, 2008	Leak	Leak of brown, bubbly water	Makino	Disposed of in the emergency water tank (none leaked outside the plant)
Nov. 19, 2008	Wind damage	Damage to roofing on transshipping and molded products packing/shipping buildings at Ogyu Plant from strong wind resulting in scattering of debris inside and outside	Kurobe	Damaged sections repaired and debris gathered (outside as well)
Dec. 25, 2008	Leak	Sulfuric acid leak resulting from plastic container tipping over	Makino	Handled internally (no acid got outside the plant)

Complaints from the community (fiscal 2006–2008)

Date	Location	Details	Response
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.
July 3, 2008	The Yoshida River near the Kurobe workplace	The chairman of the Muratsubaki Promotion Association came to the plant grounds and checked the primary drain at the Kurobe Plant to inspect the drainage conditions at the YKK Kurobe Plant and the YKK AP Kurobe Manufacturing Plant because there was a significant amount of bubbles on the surface of the water in the Yoshida River, and those plants are located upstream.	The drainage conditions were visually inspected on-site at the plants, but there were no bubbles. An internal investigation will be carried out, and the results will be included in a report.
Sep. 4, 2008	Kurobe workplace Furumido district	Complaint received from local resident about the driving of employees	Person in charge notified

Latent risks and prevention

As of March 2009

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: 12.8 t, liquid nitrogen: 3.6 t, liquid argon: 3.5 t		
	Shikoku	LPG: 2.9 t, liquid nitrogen: 2.8 t, liquid argon: 2.8 t, liquid ammonia: 2.0 t		
	Kyushu	LPG: 65.0 t, liquid nitrogen: 2.0 t, liquid argon: 4.0 t, liquid ammonia: 3.0 t		
Dangerous substances (Heavy oil, kerosene, lubricating oil, hydraulic oil, etc.)	Tohoku	1,022 kl		
	Kurobe	755 kl		
	Shikoku	460 kl		
	Kyushu	400 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: 78 kl, hydrochloric acid: 4 kl, ammonia: 14 kl, cyanide (solid): 4.0 t, cyanide (liquid): 220 kl		
	Shikoku	Sulfuric acid: 183 kl, caustic soda: 172 kl, hydrochloric acid: 11 kl, ammonia: 4 kl		
	Kyushu	Sulfuric acid: 105 kl, caustic soda: 30 kl, hydrochloric acid: 5 kl, ammonia: 5 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 2009

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	3	60	100	100	Yes	Yes
Kurobe	4,891	1,663	4	600	970	770	Yes	Yes
Shikoku	700	24	0	1,000	180	0	Yes	Yes
Kyushu	180	40	0	200	90	90	Yes	Yes