



# Dangerous Goods Incident Logs 2005

# Dangerous Goods Storage Incident Log 2005

Date	Location	Goods	Incident Details
04/01/05	NORSEMAN	Petrol UN1203	<p>A man was sprayed with petrol while he was refuelling at a service station.</p> <p>The fuel hose was found to be split 150 mm from the nozzle piece. The hose has since been replaced.</p>
21/01/05	WANGARA	Sodium Chlorite UN 1496	<p>A fire started during the transfer of the chemical via a funnel into another container.</p> <p>A wooden rod used to remove the blockage in the funnel caused the fire, resulting in some property damage. Corrective actions have been taken.</p> <p>There were no injuries.</p>
23/01/05	KWINANA	Perchlorates Sulfur Pesticides	<p>A small occurred on the premises of a hazardous waste processing facility. This was quickly brought under control by the Fire Services.</p>
20/03/05	JANDAKOT	Ammonia UN1005	<p>A power failure led to the loss of a small amount of ammonia from a refrigeration plant.</p>
17/04/05	WAIKIKI	LP Gas UN1075	<p>A fire occurred in the rear section of a utility vehicle as a 9kg cylinder was being removed from the vehicle at a residential property.</p> <p>The driver of the vehicle received third degree burns to his arm.</p>
06/06/05	ALBANY	Petrol UN 1203	<p>A fire started when a person dispensed petrol into a metal jerry can on a utility vehicle tray at a service station.</p> <p>Cause of fire was undetermined, but two possible ignition sources include static discharge and a pilot light on a portable fridge.</p>

# Dangerous Goods Transport Incident Log 2005

Date	Location	Goods	Incident Details
23/01/05	MOORA	Ammonium Nitrate UN 1942	<p>The rear trailer of a vehicle combination carrying 85 t rolled over spilling the entire contents of the trailer (35 t).</p> <p>The trailer rolled after coming around a bend. An inspection of the dolly was conducted and found to be in an unroadworthy condition.</p>
30/01/05	MERREDIN	Paint UN1263 Batteries UN2794	A small quantity of dangerous goods was spilled following a train derailment.
17/02/05	KEWDALE	Sodium Hydrosulphide UN 2949	An IBC was being unloaded from a container off a vehicle when an IBC was split, causing the product to spill onto the carriageway. The spill caused damage to the bitumen. There were no injuries.
02/03/05	KALGOORLIE	Anhydrous Ammonia UN1005	<p>A faulty flange of an isotainer tank valve led to the leakage of 16.5 t of ammonia at a minesite.</p> <p>Personnel at the mine were evacuated during the emergency. There were no injuries.</p>
06/03/05	WILLETTON	Ammonium Nitrate UN 1942	<p>A trailer being towed by a block primer mover (block truck) was negotiating a sweeping left hand turn, when the wheels of the trailer hit the gutter causing the tyres to burst.</p> <p>The trailer rolled, spilling 34.4 t of AN, which was later recovered. There were no injuries.</p>
21/03/05	NORTHAM	Sodium Hydrosulphide UN 2949	<p>Product spilled out of 3 IBCs via small punctures and leaked from the tray of a stationary vehicle onto the bitumen.</p> <p>The product was neutralised and recovered. No injuries or damage were sustained.</p>
20/04/05	LEINSTER	Sulfuric Acid UN 1830	<p>The third trailer of a triple roadtrain travelled too close to the shoulder of the road. The driver was unable to gather control, leaving the road and caused the trailer to roll over.</p> <p>About 100 L of acid was spilt. Human error was the likely cause.</p>
27/04/05	PORT HEDLAND	Diesel	It was reported that while decanting 30 kL of diesel, it was observed that the aluminium side of the tanker had developed a flat spot, resulting in a crack. No injury or loss of product.
03/05/05	NORSEMAN & SOUTHERN CROSS	Bipyridilium Pesticide UN3016	<p>A driver observed a quantity of product leaking from the trailer when he arrived at Norseman. FESA was contacted and contained the spill.</p> <p>The trailer was decontaminated and vehicle proceeded onto Southern Cross where the driver observed further loss of product.</p> <p>DG Inspectors met the driver at Southern Cross and instructed the Consignor not to transport further the product until repacked into superior packaging.</p> <p>The leaks were caused by improper stowage of the cargo.</p>

	Date	Location	Goods	Incident Details
	22/06/05	TELFER	Diesel	<p>It was reported that the third trailer of a roadtrain was drawn into the soft edge of the LHS of the gravel road and then onto the RHS, causing it to roll. It is believed that the vehicle coupling was not fully closed.</p> <p>There were no injuries or loss of product.</p>

# Major Hazard Facilities Incident Log 2005

	Date	Location	Goods	Incident Details
S15553(c)	24/1/05	KWINANA	Ammonium nitrate UN2426	Ammonium nitrate flowed out of a drain line due to a passing three-way valve with internal seal failure when the AN prill plant was being shut down for a drum wash.
S12715	18/03/05	PERTH	Sodium Cyanide (solid) UN1689	Spill of approx. 1000 kg NaCN briquettes due to high hopper level – contained within compactor.
S10009	01/04/05	KARRATHA	LP Gas UN1075	A leak of butane gas occurred on the jetty during the bulk loading of the gas.
S12715	10/06/05	PERTH	Sodium Cyanide Solution UN 1935	Washing out of solids plant led to water entry to NaCN briquette hopper led to 3 cubic metres of NaCN solution flowing to packaging plant bunded area.
S16764	28/06/05	KWINANA	Acid Soluble Oil	Contract workers were exposed to ASO fumes from Alkylation/neutralisation pit .One worker experienced breathing difficulties and was referred to a doctor.
	30/06/05	KWINANA	Sulphuric Acid UN1832	Approximately 200L of spent acid spilled outside the bund area due to rupture of valve diaphragm.
S16764	06/07/05	KWINANA	Crude Oil UN1267	Crude oil storage leaked approximately 70 kL of product through 3 holes in the bottom plate.
S16764	11/07/05	KWINANA	Vapour leak	A small vapour leak occurred on hydrocracker lower reactor/effluent exchanger. Unit was shut down for repairs.
S16764	15/07/05	KWINANA	Fuel gas UN1268	A leak of fuel gas occurred from an abandoned pipeline outside the refinery fence. The pipeline has now been emptied and isolated from system.
S10009(F)	2/08/05	KWINANA	LP Gas UN1075	A leaking lube oil due to gasket failure resulted in a flash fire in a gas turbine. The fire was immediately put off using CO2 fire suppression system.
S15551(C)	30/9/05	KWINANA	Anhydrous Ammonia UN1005	Leak of 1,500 kg of ammonia reported from vessel flanges at delivery location.
S10009(F)	4/10/05	KARRATHA	LP Gas UN1075	Leak of gas through a flange resulted in a fire. The fire was quickly extinguished
S12715(F)	20/10/05	KWINANA	Sodium Cyanide UN1935	Rainwater contacted solid NaCN stored in a sea container via a hole caused by corrosion on top of the sea container. A small amount of the solid sodium cyanide dissolved and pooled on the bottom of the sea container and leaked onto the limestone hardstand area beneath.
S11838	24/10/05	KWINANA	Chlorine leak UN1017	Chlorine gas was suspected to be released from a process plant. Subsequent off site impact was reported.
S 11838	25/10/05	KWINANA	Titanium Tetrachloride UN2869	Titanium tetrachloride was released from a heat exchanger. This was due to inadequate purging.
S9886	19/12/05	KWINANA	Solvent NOS	Leak occurred from an aboveground vertical storage tank. A total of 60m3 was reported to have leaked. Product recovery was conducted.