


Century Yuasa		ENVIRONMENTAL, HEALTH and SAFETY		
POLLUTION INCIDENT RESPONSE MANAGEMENT PLAN (Part B)		NSW	Page	1 of 5
Prepared By:	Approved By	Authorised By	Revision:	0.1
EH&S Manager	Nat. Sales & Operations Mgr	GM Automotive	Release Date:	17/01/13

Response and Recovery – Vehicle Crash

In the event where the vehicle has rolled onto side or roof the bunded area of the vehicle will not contain any potential acid spills. Resultant spills from such an incident may or may not be contained locally within the body of the vehicle and will have to be assessed at the time. Spills may be minimal due to quantity of acid stored within individual ULAB's – this is also dependent on the integrity of the ULAB load being transported i.e. are vent caps in place; battery case had existing damage; sulphuric acid has already been lost or reduced within cell.


INCIDENT – VEHICLE CRASH	OUTCOME						
	YES	YES	YES	YES	YES	YES	YES
	Vehicle fire	Batteries moved / fallen over / outside of vehicle	Acid leaks (Contained in bunded area)	Batteries shorting on metal surface	Injury sustained – exposure to acid	Pollution Incident (Pollution has occurred, is occurring or is likely to occur)	Material harm (Actual or potential harm to the health or safety of human beings or to ecosystems that is not trivial)
ACTION REQUIRED →	EPG 1 Use fire extinguisher Call 000	Check load reposition load as required	EPG2 Contain; using spill kit	EPG 1 Use fire extinguisher Call 000	Wash off affected areas Seek medical assistance if exposed	Assess & notify Risk if acid enters waterways (stormwater, ponds, creek's etc)	Assess & notify Risk if acid enters waterways (stormwater, ponds, creek's etc)
NOTIFICATION							
Fire & Rescue NSW - 000	Yes	-		Yes			
Environment Protection Authority – 131 555		Assess	Assess			Yes	Yes
Health NSW - refer to list for area contacts		Assess	Assess		Yes		Yes
WorkCover Authority – 131 050	If notifiable	If notifiable	If notifiable	If notifiable	If notifiable		
Local authority (refer to list for area contacts)	Assess	-				Yes	Yes

- Emergency Procedure Guide (EPG1) – Transport; Vehicle Fire
- Emergency Procedure Guide (EPG 2) – Transport; Batteries, wet, filled with acid, electric storage UN2794

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Response and Recovery – Vehicle Rolled On Side

In the event where the vehicle has rolled onto side or roof the bunded area of the vehicle will not contain any potential acid spills. Resultant spills from such an incident may or may not be contained locally within the body of the vehicle and will have to be assessed at the time. Spills may be minimal due to quantity of acid stored within individual ULAB's – this is also dependent on the integrity of the ULAB load being transported i.e. are vent caps in place; battery case had existing damage; sulphuric acid has already been lost or reduced within cell.


INCIDENT – ON-SIDE	OUTCOME						
	YES	YES	YES	YES	YES	YES	YES
	Vehicle fire	Batteries moved / fallen over / outside of vehicle	Acid leaks (Contained in bunded area)	Batteries shorting on metal surface	Injury sustained – exposure to acid	Pollution Incident (Pollution has occurred, is occurring or is likely to occur)	Material harm (Actual or potential harm to the health or safety of human beings or to ecosystems that is not trivial)
ACTION REQUIRED →	EPG 1 Use fire extinguisher Call 000	Check load reposition load as required	EPG2 Contain; using spill kit	EPG 1 Use fire extinguisher Call 000	Wash off affected areas Seek medical assistance if exposed	Assess & notify Risk if acid enters waterways (stormwater, ponds, creek's etc)	Assess & notify Risk if acid enters waterways (stormwater, ponds, creek's etc)
NOTIFICATION							
Fire & Rescue NSW - 000	Yes	-		Yes			
Environment Protection Authority – 131 555		Assess	Assess			Yes	Yes
Health NSW - refer to list for area contacts		Assess	Assess		Yes		Yes
WorkCover Authority – 131 050	If notifiable	If notifiable	If notifiable	If notifiable	If notifiable		
Local authority (refer to list for area contacts)	Assess	-				Yes	Yes

- Emergency Procedure Guide (EPG1) – Transport; Vehicle Fire
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Response and Recovery – Vehicle Rolled On Side

In the event where the vehicle has rolled onto side or roof the bunded area of the vehicle will not contain any potential acid spills. Resultant spills from such an incident may or may not be contained locally within the body of the vehicle and will have to be assessed at the time. Spills may be minimal due to quantity of acid stored within individual ULAB's – this is also dependent on the integrity of the ULAB load being transported i.e. are vent caps in place; battery case had existing damage; sulphuric acid has already been lost or reduced within cell.

INCIDENT – ON ROOF	OUTCOME						
	YES	YES	YES	YES	YES	YES	YES
	Vehicle fire	Batteries moved / fallen over / outside of vehicle	Acid leaks (Contained in bunded area)	Batteries shorting on metal surface	Injury sustained – exposure to acid	Pollution Incident (Pollution has occurred, is occurring or is likely to occur)	Material harm (Actual or potential harm to the health or safety of human beings or to ecosystems that is not trivial)
ACTION REQUIRED →	EPG 1 Use fire extinguisher Call 000	Check load reposition load as required	EPG2 Contain; using spill kit	EPG 1 Use fire extinguisher Call 000	Wash off affected areas Seek medical assistance if exposed	Assess & notify Risk if acid enters waterways (stormwater, ponds, creek's etc)	Assess & notify Risk if acid enters waterways (stormwater, ponds, creek's etc)
NOTIFICATION							
Fire & Rescue NSW - 000	Yes	-		Yes			
Environment Protection Authority – 131 555		Assess	Assess			Yes	Yes
Health NSW - refer to list for area contacts		Assess	Assess		Yes		Yes
WorkCover Authority – 131 050	If notifiable	If notifiable	If notifiable	If notifiable	If notifiable		
Local authority (refer to list for area contacts)	Assess	-				Yes	Yes

- Emergency Procedure Guide (EPG1) – Transport; Vehicle Fire
- Emergency Procedure Guide (EPG 2) – Transport; Batteries, wet, filled with acid, electric storage UN2794

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Reference:

[Protection of the Environment Operations Act 1997 No 156](#)

147 Meaning of material harm to the environment	<p>(1) For the purposes of this Part:</p> <p>(a) harm to the environment is material if:</p> <p>(i) it involves actual or potential harm to the health or safety of human beings or to ecosystems that is not trivial, or</p> <p>(ii) it results in actual or potential loss or property damage of an amount, or amounts in aggregate, exceeding \$10,000 (or such other amount as is prescribed by the regulations), and</p> <p>(b) Loss includes the reasonable costs and expenses that would be incurred in taking all reasonable and practicable measures to prevent, mitigate or make good harm to the environment.</p> <p>(2) For the purposes of this Part, it does not matter that harm to the environment is caused only in the premises where the pollution incident occurs</p>
153C Information to be included in plan	<p>A pollution incident response management plan must be in the form required by the regulations and must include the following:</p> <p>(a) the procedures to be followed by the holder of the relevant environment protection licence, or the occupier of the relevant premises, in notifying a pollution incident to:</p> <p>(i) the owners or occupiers of premises in the vicinity of the premises to which the environment protection licence or the direction under section 153B relates, and</p> <p>(ii) the local authority for the area in which the premises to which the environment protection licence or the direction under section 153B relates are located and any area affected, or potentially affected, by the pollution, and</p> <p>(iii) any persons or authorities required to be notified by Part 5.7,</p> <p>(b) a detailed description of the action to be taken, immediately after a pollution incident, by the holder of the relevant environment protection licence, or the occupier of the relevant premises, to reduce or control any pollution,</p> <p>(c) the procedures to be followed for co-ordinating, with the authorities or persons that have been notified, any action taken in combating the pollution caused by the incident and, in particular, the persons through whom all communications are to be made,</p> <p>(d) Any other matter required by the regulations.</p>
Pollution	<p>means:</p> <p>(a) water pollution, or</p> <p>(b) air pollution, or</p> <p>(c) noise pollution, or</p> <p>(d) land pollution.</p>
Pollution incident	<p>Means an incident or set of circumstances during or as a consequence of which there is or is likely to be a leak, spill or other escape or deposit of a substance, as a result of which pollution has occurred, is occurring or is likely to occur. It includes an incident or set of circumstances in which a substance has been placed or disposed of on premises, but it does not include an incident or set of circumstances involving only the emission of any noise</p>

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Protection of the Environment Operations (General) Regulation 2009

98C Additional matters to be included in plan	(2) Trackable waste transporters Subclause (1) does not apply in relation to a licence to the extent that the licence authorises the transport of trackable waste as referred to in clause 48 of Schedule 1 to the Act. In the case of such a licence, the matters required under section 153C (d) of the Act to be included in a plan relating to the transport of trackable waste are as follows: (d) details of the pre-emptive action to be taken to minimise or prevent any risk of harm to human health or the environment arising out of that activity (including, as a minimum, action that complies with the requirements set out in clause 49 of the <i>Protection of the Environment Operations (Waste) Regulation 2005</i>),
92 EPA—non-scheduled activities	(3) In this clause: excluded waste means any of the following: (a) waste that is transported in the course of dealing with an accident or emergency, (b) lead acid batteries or waste oil collected for recovery, (c) stormwater.

Protection of the Environment Operations (Waste) Regulation 2005

49 Requirements relating to transportation of waste generally	A person who transports waste (whether or not required to hold a licence) must comply with the following requirements: (a1) the transportation of waste must be carried out in a manner that avoids the spillage of the waste, (a) any vehicle or plant used for the transport of the waste must be constructed and maintained so as to prevent spillage of the waste, (b) any container used to transport the waste must be secured safely on the vehicle used to transport the waste, (c) any waste that is transported by a vehicle must be covered during its transportation unless the waste consists solely of tyres or scrap metal (or both), (d) incompatible wastes must not be mixed or transported together on any vehicle used by the person to transport waste, (e) any material segregated for recycling that is transported by the person must not be mixed with other waste, (f) liquid waste must not be mixed with other waste, (g) the waste must be able to be sampled by the release of suitable and accessible valves located on the top and, where appropriate, bottom of any container used to transport the waste, (h) the following must be carried in the vehicle transporting the waste: (i) a copy of any environment protection licence required to authorise the transport of the waste, (ii) HB 76—2004: <i>Dangerous Goods—Initial Emergency Response Guide</i> , published by Standards Australia (the Standards Australia Guide) or a document setting out procedures to be followed in an emergency and containing all information from the Standards Australia Guide that relates to the type of waste being transported, (iii) a spill kit that is appropriate for the type of waste being transported.
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Protection of the Environment Operations Act 1997 No 156

152 Emergency plans	(1) In this clause: emergency plan , for the transport of a placard load, means a written plan, for dealing with any dangerous situation arising from the transport of the goods, that is prepared having regard to any guidelines approved by the Australian Transport Council. (2) A prime contractor or rail operator must not transport a placard load if the prime contractor or rail operator does not have an emergency plan for the transport of the goods. (3) A person must not consign a placard load for transport if the person does not have an emergency plan for the transport of the goods.
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