

Appendix K: Spill Response

Control of a Spill Procedure

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1 Background – Why control spills?

- Spills on the road or any other area can:
 - damage the road and
 - create a hazard to road users
- The spill material can cause environmental problems if it enters waterways

1.1 Spill Kits

A spill kit usually has;

- Absorbent material e.g “Kitty-Litter”, “Spill-Sorb”
- Absorbent Sock
- Absorbent Pads
- Disposal bags with ties or clips
- Sump Covers
- Gloves and goggles
- Instructions



1.2 Co-ordinated Incident Management (CIMMS)

- An Incident Controller controls events such as:
 - fatal crashes
 - storm events
 - road closures
- They are normally identified by the words “Incident Controller” on the back of their yellow high visibility jacket
- An Incident Controller can be a member of the Fire Service, Police, Ambulance, or Civil Defence
- Upon arrival, you need to identify yourself to the Incident Controller
- Be prepared to brief the Incident Controller as required

2 Before you begin

2.1 Find out

- Where the job is
- What your role is
- What authorities the role has
- Is an Incident Controller in place (which Agency)
- The type of the spill
- What products to use
- How to dispose of the waste materials



2.2 What you'll need




Documentation	Materials	Plant/Equipment
<ul style="list-style-type: none"> • MSDS (Material Safety Data) Sheet • Task Sheets 	<ul style="list-style-type: none"> • Signs /Cones • Spill-Kit 	<ul style="list-style-type: none"> • Patrol Vehicle • Shovel (square-mouth) • Hand Broom • Camera






2.3 Special things for the job

Health and Safety	Traffic Management	Environment
<ul style="list-style-type: none"> • Complete Job START and sign • Personal Protective Equipment (PPE) as specified including goggles & rubber gloves • Take care when operating on a wet or slippery surfaces (do not wear paving boots or rubber soled footwear) 	<ul style="list-style-type: none"> • Use approved Traffic Management Plan (TMP) specifically for the site and type of work • Work in closed lane where possible 	<ul style="list-style-type: none"> • Protect the water courses (sumps and drains) • Correctly disposal of empty containers • Correctly disposal of sweepings – may need to go to approved waste collector

3 Doing the job

Follow these steps to complete this task

Step	Actions	
<p style="text-align: center;">1 Preparation</p>	<ul style="list-style-type: none"> • Make sure you have all the necessary PPE, signage, equipment, and chemical treatment • Check that the spill kit is complete • Travel to site 	 <p style="text-align: center;">Check Spill Kit is complete</p>
<p style="text-align: center;">2 Establishment on site</p>	<ul style="list-style-type: none"> • Check briefing notes • Find the incident controller and identify yourself and find out the type of spill material <i>Note: You may be the first responder and need to be the controller until assistance arrives.</i> • Note the areas that are safe and unsafe • Check or implement the TMP • Move to task area and receive briefing by existing personnel as required • Begin task 	 <p style="text-align: center;">Find the incident controller</p>
<p style="text-align: center;">3 Initial action</p>	<ul style="list-style-type: none"> • Walk over the site to check for hazards • Plan your response. Consider : <ul style="list-style-type: none"> • rate of spread • impact on sensitive environmental areas (waterways) • are you trained to handle a chemical spill? • Try and work out what the spill is • Do not to touch the spilt material • Keep upwind of the spill • Notify your supervisor of the details at once 	
<p style="text-align: center;">4</p>	<p>Stop Flow:</p> <ul style="list-style-type: none"> • Turn off the flow of the spill if it is 	

Step	Actions	
<p>Treatment</p>	<p>safe to do so</p> <ul style="list-style-type: none"> Do not enter into a hazardous situation <p>Initial Spill Control:</p> <p>Stop the spill spreading:</p> <ul style="list-style-type: none"> Use absorbent socks or any other available materials (soil) to contain the spill Note: absorbent socks will restrict flows on a chip seal but may allow a trickle of the spill to pass beneath the sock Or, dig a hole to trap the flow <p>Spill Clean-up</p> <ul style="list-style-type: none"> Start from the contained area and work back towards the spill point 	 <p>Stop flow if safe</p>  <p>Absorbent sock around catchpit</p>  <p>Work back towards spill</p>
<p>5</p> <p>Disposal of uplifted material</p>	<ul style="list-style-type: none"> When a suction sweeper is not used uplift the material and place in a sealed container Uplift sump covers and /or absorbent socks Dispose of material in an approved disposal site 	 <p>Suction sweeper for approved disposal</p>
<p>6</p> <p>Test and check</p>	<ul style="list-style-type: none"> Check that the treatment has been successful Check the location of the activity has been correctly recorded in FUSE 	 <p>Record in FUSE</p>

4 Common faults

Fault	Cause
<ul style="list-style-type: none">Public are upset at the behaviour of the workers	<ul style="list-style-type: none">Not understanding importance of SMILE<ul style="list-style-type: none">SmileMannersImpressionLanguageExtra Mile
<ul style="list-style-type: none">Failure to take away sump covers, absorbent socks, other absorbent material	<ul style="list-style-type: none">Poor briefing

5 What happens next

- Clean up the site or all containers
- Wash hands and face
- Make sure suitable traffic control is in place or removed as necessary
- Pack up and make sure that you have collected all your gear
- Check that the location of the activity has been correctly recorded in FUSE



Basic PPE Required