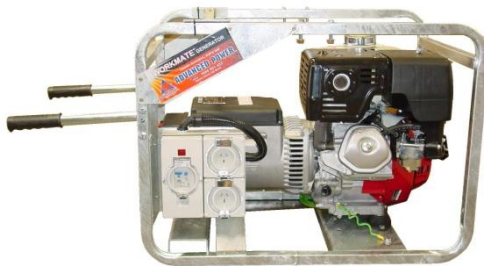


HAZARD & RISK ASSESSMENT – PLANT OPERATION

Equipment category:	GENERATORS & LIGHTING
Equipment type:	GENERATORS – DIESEL, PETROL
Generic description or specific make/ model:	GENERATORS
Type:	Diesel, Petrol
Other details:	Portable



Issue: 1	Last amended or reviewed: 28/08/2012
Equipment Category	Generators & Lighting
Equipment Type:	Generators – Diesel, Petrol
Generic Description or specific make/model:	Generators
Type:	Diesel, Petrol
Other Details:	Open framed

<p>Operator Requirements: Operators must be trained and competent to use this equipment safely</p>	<p>Purpose for which this equipment is designed: To supply electric power to site</p>
<p>Generic hazards & risks – For this type of equipment</p> <p>The hazards and risks detailed here are generic for this type of equipment and are intended to give principal contractors and users a quick summary of the hazards and risks involved before putting it to use. For details of any additional model specific hazards and user information, reference should be made to the operating instructions/ other information supplied with the equipment. In addition to this, instruction and demonstration is also available from our trained staff.</p>	
<p>Hazards & risks:</p> <p>Electrical:</p> <p>Electric shock or burns due to damaged, poorly maintained or improperly connected electrical leads and cables.</p> <p>Electric shock from switches/ circuit breakers due to exposure to wet weather or washing/ hosing generator. Water near 240V cords switches, circuit breakers or electrical equipment.</p>	<p>Suggested control measures:</p> <ul style="list-style-type: none"> (i) Periodic inspection of electric cables for nicks, cuts or damage. (ii) If generator needs to be hard wired, connection of cables to be done by licenced electrician only. (iii) Ensure power supply is RCD protected. (iv) Test RCD operation prior to use. (v) Ensure any cables on ground are not positioned in or near water, and are adequately protected from falling objects, or pedestrian or other traffic. <ul style="list-style-type: none"> (i) Keep water away from electrics (ii) When raining ensure generator and electrical connections are sheltered

<p>Hazards & risks:</p> <p>High temperature or fire: Re-fuelling: When refueling, sparks, flames, hot engine can ignite fuel.</p> <p>Contact with hot engine or exhaust can cause burns.</p>	<p>Suggested control measures:</p> <p>(i) Operator is responsible to shut engine down prior to refueling. Refuel in a well ventilated area. Ensure that there are no naked flames in the area. DO NOT SMOKE. Avoid spilling fuel and collect any fuel run off.</p> <p>(ii) Avoid contact with hot engine or exhaust, let it cool down before transporting or storing the generator</p>
<p>Manual handling: Body strain if equipment requires manual lifting.</p>	<p>(i) Do not attempt to lift the generator, without the aid of a suitably rated lifting device.</p>
<p>Noise: Exposure to noise.</p>	<p>(i) Personnel working with or in the vicinity of this equipment to wear suitable hearing protection.</p>
<p>Suffocation: Machine use in a confined space can cause asphyxiation.</p>	<p>Operator instruction and awareness. Operator/ user responsible to use machine in well ventilated area.</p>
<p>Additional hazards & risks:</p> <p>This document is intended as a generic guide only, additional risks may be encountered during normal operation of this portable generator. Please refer to specific engine/alternator manuals for additional information.</p>	
<p>Acknowledgements: Hazard Information Sheets have been produced as an aid to workplace safety after an extensive review of the requirements of the 'National Standard for Plant' and its adoption in each in each state. It is a combination of information from OH&S authorities, manufacturers, suppliers, the industry and users, and has been set out in this format in response to industry requests for a 'quick reference' useful user-friendly document.</p>	
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<p>Document amendment & review history: Last amended: N/A Details of amendment(s): N/A</p>	<p>Amended by: N/A</p>
<p>Last reviewed: 28 August 2012 Result(s) of review: No changes or amendments required.</p>	<p>Reviewed by:</p>