

Plant and Equipment Risk Assessment

Part A: Risk Assessment Summary

Risk Rating Key:	V.High	High	Medium	Acceptable
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Product:	4:1 Bucket Attachment		
Plant Usage/Task Description:	An attachment to the K9-4 or K9-3 used as a: <ol style="list-style-type: none"> 1. Bucket loader; 2. A grab for lifting; 3. As a blade for backfilling; or 4. As a leveller. 		
Hazard Identification & Risk Assessment:	Entanglement	Electrical Safety	Thermal Comfort or UV Radiation
	Crushing	Fire or Explosion	Traffic Management
	Cutting, Stabbing, Puncturing	Slips, Trips and Falls	Chemicals
	Shearing	Working at Heights	Dust
	Friction	Suffocation (confined spaces)	Noise
	Striking	Hot Surfaces	Vibration
	High Pressure Fluid	Manual Handling and/or Ergonomics	Rollover
Control Measures:	<ol style="list-style-type: none"> 1. Simple linkage system reduces the need to handle attachments which can be fitted without or with reduced manual handling (engineering). 2. Hydraulic oil within double braided hose rated for 4000 psi. Maximum pressure achieved by Dingo K9-4 is 3400 psi (engineering). 3. 2000 psi relief valve present to eliminate damage to attachment. 		

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	<p>4. Dingo Australia offer the following options available with the K9-4 purchase to reduce traffic management risks (engineering):</p> <ul style="list-style-type: none">– Flashing light;– Reversing alarm;– Horn; and– Headlights (front and rear)
	<p>5. Read Dingo 'Operation and Maintenance Manual' including warning "Do not carry a load or heavy attachment with the dingo arms in a raised position". Further, "Do not operate on or near embankments". "Do not operate on slopes exceeding 15 degrees". If a slope is greater than 5 degrees, only go up or down - not across (Administration).</p>
	<p>6. Operation and maintenance manual has warnings outlining operator's responsibility to operate away from pedestrians and establish appropriate isolation measures (Administration).</p>
	<p>7. Operational Manual and safety video provided with all purchases. Training is also provided to all purchasers of plant. Operator's manual details safe operation of K9-4. Safety cards are with the machine and provided to all personnel who hire the Dingo (administration).</p>
Residual Risk:	ACCEPTABLE