Plant Identification : HAULOTTE COMPACT DX

	Potential Hazard	Risk Yes	No	Control Methods currently in Place	Additional Control Method Required	Confirmation and Acceptance
	Entanglement – Can anything become entangled in moving parts?	Y		Safety prop installed on scissor arms for maintenance Guard fitted to engine fan Warning decals Precaution in operator manual	Address during company induction	
	Crushing/Striking – Can anyone be crushed or struck by moving objects due to:					
	Material falling off or onto the plant?	Y		Kick guards fitted as part of platform Precautions provided in operator manual	Tool and equipment may be attached by lanyard	
	Uncontrolled or unexpected movement of the plant or its load?	Y		Deadman button on joystick Movement alarm Amber flashing beacon Emergency stop switches fitted to platform and ground controls	None	
	Lack of capacity for the plant to be slowed, stopped or immobilised?	☐	N	Braking system designed and tested to comply with AS1418.10 MEWP Brakes auto-engage E-stops immobilise plant	None	
	The plant tipping or rolling over?	Y		Stability tested in accordance with AS1418.10:2011 Warnings provided in manual	Operate machine in accordance with load, slope and wind limits	

	Parts of the plant collapsing?	Y		Safety prop provided for maintenance operations on scissor stack Precaution in manual regarding use of prop Load holding valve fitted to lift cylinder Conforms to AS1418.10:2011	None	
	Coming into contact with moving parts of the plant during testing, inspection, operation, maintenance, cleaning or repair?	Y		While conducting maintenance on scissor stack – Safety prop provided and precautions in operator manual	None	
	Being thrown off or under the plant?	Y		Tested to AS1418.10:2011 including depression and braking tests. Guard rails fitted to platform Warning provided in operator manual	Control methods in place minimize this risk on a scissor lift. Use of harness not required by the Australian Standards and may increase other hazards. Review JSA to determine harness use recommendation	
	Being trapped between the plant & materials or fixed structures?	Y		Joystick fitted with deadman to protect against inadvertent movement Emergency stop fitted if movement causes trapping	Address during company induction	

	Can anyone's body parts be crushed between two parts of the plant, or between a part of the plant and a work piece structure?	Y		Hand or fingers can be crushed between guardrail and worksite structure. Warning provided in manual Fingers can be jammed between extension deck and platform rails. Handles fitted to move extension deck.		
	Other factors not mentioned?	☐	N			
	Cutting, Stabbing or Puncturing – Can anyone be cut, stabbed or punctured due to:					
	Coming in contact with sharp or flying objects?	☐	N	Guard fitted to engine fan		
	Uncontrolled or unexpected movement of the plant?	Y		Deadman switch fitted to joystick Emergency stop fitted. Movement alarm and flashing beacon fitted	Training and Supervision to be provided by site mgt	
	Parts of the plant or work pieces disintegrating?	☐	N	Inspection schedule provided in manual to identify disintegrating components		
	Work pieces being ejected?	☐	N	Guards and covers fitted		
	Coming in contact with moving parts of the plant during testing, inspection, operation maintenance, cleaning or repair?	☐	N	Guarding fitted Warning Decals fitted		
	Other factors not mentioned?	☐	N			
	Shearing – Can anyone's body parts be sheared between two parts of the plant, or between a part of the plant and a work piece structure?	Y		Scissor stack : Warning provided in manual Decals provided Safety prop provided	JSA, Training and Supervision to be provided by site mgt	

	Slipping or Tripping – Can anyone using or near the plant, slip or trip due to:					
	Uneven or slippery work surfaces?	Y		Non slip surface provided on entry steps and platform		
	Poor housekeeping, e.g. spillage not cleaned up?	Y		Platform and entry steps provided in clean condition	Supervision by site mgt to ensure machine remains in clean, safe condition	
	Obstacles being placed in the vicinity of the plant?	Y		Storage location for operator manuals	Supervision to be provided by site mgt to ensure platform and work area remains free from obstacles	
	Other factors not mentioned?	☐	N			
	Falling – Can anyone fall from a height due to:					
	Lack of proper working platform?	☐	N	Work platform fitted. Complies to AS1418.10:2011		
	Lack of proper stairs or ladders?	☐	N	Entry steps fitted. Complies to AS1418.10:2011		
	Lack of guard rails or other suitable edge protection?	☐	N	Guard rails fitted. Complies to AS1418.10:2011		
	Unprotected holes, penetrations or gaps?	☐	N	Guardrails fitted		
	Poor floor or walking surfaces, such as the lack of a slip-resistant surface?	☐	N	Platform has slip resistant surface		
	Steep walking surfaces?	☐	N	Tilt sensor prevents machine exceeding acceptable slope for operator movement		

	Collapse of the supporting structure?	☐	N	Inspection requirements detailed in operator manual to inspect structure		
	Other factors not mentioned?	☐	N			
	Suffocation – Can anyone be suffocated due to lack of oxygen or atmospheric contamination?		N	Open air platform		
	Electrical – Can anyone be injured by electrical shock or burnt due to:					
	• The plant contacting live electric conductors?	Y		Electrical Decal specifying minimum clearance is fitted by control panel	JSA, Training and Supervision to be provided by site mgt to ensure safe working clearance from electrical fields	
	• The plant working in close proximity to electrical conductors?	Y		Electrical Decal specifying minimum clearance is fitted by control panel Precaution in operator manual	JSA, Training and Supervision to be provided by site mgt to ensure safe working clearance from electrical fields	
	• Overload of electrical circuits?	☐	N	Regular service intervals indicated in manual inc. inspection and testing of electrical circuits		
	• Damaged or poorly maintained electrical leads & cables?	☐	N	No signs of damage at delivery	Daily inspection to include checks for damage	
	• Damaged electrical switches?	☐	N	No signs of damage at delivery	Daily inspection to include checks for damage	
	• Water near electrical equipment?	☐	N			
	• Lack of isolation procedures?	☐	N			
	• Other factors not mentioned?	☐	N			

	High/Low Temperature or Fire -					
	Can anyone come into contact with moving parts or other objects at high temperatures?	☐	N			
	Can anyone be injured by fire?	Y		Emergency lowering devices provided in case of fire	JSA, Training and Supervision to be provided by site mgt	
	Can anyone suffer ill-health due to exposure to high or low temperatures?	☐	N			
	High Pressure Fluid – Can anyone come into contact with fluids under high pressure, due to plant failure or misuse of the plant?	Y		Pipe clamps fitted Relief valve fitted Warning decal fitted Precautions for repair on high pressure fluids is provided in manual		
	Explosion – Can anyone be injured by explosion of gases, vapours, liquids, dusts, etc., triggered by the operation of the plant or by material handled by the plant?	Y		Warning decal on battery Warnings provided in manual		
	Other Hazards – Can anyone be injured or suffer ill-health from exposure to					
	• Chemicals?	☐	N			
	• Toxic gases or vapours?	☐	N			
	• Fumes?	Y		Warning provided in manual regarding charging of battery		
	• Dust?	☐	N			
	• Noise?		N	Unit meets EU noise standards		
	• Vibration?	☐	N	Unit meets EU vibration stds		
	• Radiation?	☐	N			
	• Other factors not mentioned?	☐	N			

	Ergonomics – Can anyone be injured due to:					
	Poorly designed seating?	Y		No seat required or provided		
	Repetitive body movement?	☐	N	Control Box is easy-reach Control Box is moveable to appropriate ergonomic position		
	Constrained body posture or the need for excessive effort?	☐	N	Electronic controls		
	Design deficiency causing mental or psychological stress?	☐	N			
	Inadequate or poorly placed lighting?	☐	N			
	Lack of consideration given to human error or human behaviour?	☐	N			
	Mismatch of the plant with human traits and natural limitations?	☐	N			
	Other Plant Specific Hazards not covered above:					
	Incorrect function or stability due to excessive deflection as a result of wear	Y		Wear limits provided in workshop manual	Periodic and Annual inspections to be conducted.	

Compact DX Risk Assessment carried-out by:	
Name:	ANDREW DELAHUNT
Role:	HAULOTTE PRODUCT MANAGER
Date:	April 2013
Project/Plant Managers Review:	
Name:	
Role:	
Signed:	
Date:	