

# Dalcon Superprime H+S Plan (section 3) INITIAL PROJECT RISK ASSESSMENT

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### APPENDIX 2

The Initial Risk Assessment highlights the risks that will affect everyone involved with the site. All contractors intending to work on this project must be aware of these risks and indicate in their own Task Specific Risk Assessments / Method Statement how they will deal with them.

The Initial Risk Assessment is divided eight sections:

- 1.1 The Public Interface
- 1.2 Movement (of vehicles & pedestrians) around site
- 1.3 Site Services (Including Temporary Electrics)
- 1.4 Plant & Equipment
- 1.5 Work Areas
- 1.6 Working at Height
- 1.7 Management and Control of Lifting Operations and Mechanical Handling
- 1.8 Other Significant Safety Hazards
- 2.0 Health Risks

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**1.1 Protecting the Public Interface**

No.	ACTIVITY / ELEMENT	SIGNIFICANT RISKS / HAZARDS	Person at Risk				ACTIONS REQUIRED TO REDUCE OR CONTROL RISKS	PROCEDURE REQUIRED?	SPECIFIC OPERATIONS AFFECTED / LOCATION	TS RA /MS? (Y/N)	ACTION BY: (SUB. / PC)
			Site Personnel	Public	Subcontractor	Others					
1	Site Entrances	<ul style="list-style-type: none"> <li>Struck by vehicles</li> </ul>	√	√	√	√	<ul style="list-style-type: none"> <li>Most suitable entrance/exit location determined from Traffic Management Plan / Site layout Plan</li> <li>Adequate warning signage erected</li> <li>Good visibility allowed for vehicles entering/exiting site &amp; the public passing-by</li> <li>Entrance well maintained; kept clean, level and trip free</li> </ul>	<p>Traffic Management Plan</p> <p>Site Layout Plan</p>	<ul style="list-style-type: none"> <li>Vehicles accessing / egressing site</li> <li>Pedestrians passing by / through site entrances</li> </ul>		
2	Delivery vehicles (& drivers)	<ul style="list-style-type: none"> <li>Falls (people)</li> <li>Falls (things)</li> <li>MSD</li> <li>Struck by vehicles</li> <li>Lifting Operations</li> </ul>	√	√	√	√	<ul style="list-style-type: none"> <li>Traffic Management Scheme initiated &amp; agreed with Local Authority</li> <li>Construction traffic routes to site pre-determined &amp; sent to all suppliers/subs</li> <li>Co-ordinated deliveries to ensure no vehicles queue onto public highways</li> <li>No unloading allowed outside site boundary</li> <li>Unloading gantries provided where possible</li> <li>All delivery drivers to receive brief induction &amp; direction from gate attendant</li> <li>Delivery vehicles to be escorted by trained banks people at all times</li> <li>All delivery drivers to wear min. PPE inclusive of hard hat, safety boots &amp; high-visibility vest</li> </ul>	<p>Traffic Management Scheme</p> <p>Traffic Management Plan</p> <p>Site Layout Plan</p>	All delivery vehicles (& drivers) travelling to, from or around site.		

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3	Site Visitors	<ul style="list-style-type: none"> <li>Falls (people)</li> <li>Falls (things)</li> <li>Struck by vehicles</li> </ul>	√	√	√	√	<ul style="list-style-type: none"> <li>Site layout &amp; site rules clearly displayed near site entrance for guidance</li> <li>Adequate directional signage provided showing route to car park &amp; office establishment</li> <li>Gate Attendant to provide additional direction/instruction</li> <li>All visitors to be inducted. Those with no site experience to be escorted at all times</li> <li>All visitors to wear minimum PPE inclusive of hard hat, safety boots &amp; high-visibility vest</li> </ul>	<p>Traffic Management Plan</p> <p>Site Layout Plan</p> <p>Induction</p>	All site visitors (including new starts) moving around site particularly from site entrance / car park to office compound		
4	Preventing unauthorised site entry	<ul style="list-style-type: none"> <li>Falls (people)</li> <li>Struck by vehicles</li> </ul>		√		√	<ul style="list-style-type: none"> <li>Adequate security, lighting &amp; signage utilised to deter unauthorised access</li> <li>Robust site hoardings erected &amp; regularly monitored</li> <li>Gate Attendant present at all times</li> <li>Site gates kept closed when unattended</li> </ul>	Signing-in procedure	Securing the site boundary: <ul style="list-style-type: none"> <li>Site Hoardings</li> <li>Site Entrances</li> <li>Site security</li> </ul>		
5	Cleanliness of highways & footpaths in vicinity of site.	<ul style="list-style-type: none"> <li>Falls (people)</li> <li>Struck by vehicles</li> </ul>	√	√	√	√	<ul style="list-style-type: none"> <li>Regular cleaning schedule initiated with any mud on the highway removed immediately</li> <li>Wheel washers provided to all site exits if problem thought significant</li> </ul>		Preventing mud / debris being transferred from site to highways during:		
6	Operations at all levels in close proximity to Public Areas	<ul style="list-style-type: none"> <li>Falls (people)</li> <li>Falls (things)</li> <li>Premature collapse</li> <li>Struck by vehicles</li> <li>Noise</li> <li>Dust</li> <li>Fumes</li> <li>Hazardous</li> </ul>	√	√	√	√	<ul style="list-style-type: none"> <li>Robust site hoardings erected to segregate &amp; protect the General Public</li> <li>All scaffolding bordering public areas to be sheeted &amp; incorporate protective fans.</li> <li>Concrete barriers/timber baulks used to protect scaffolds / temporary works adjacent highways</li> <li>Materials stored away from site boundary unless full edge protection in place</li> </ul>	Traffic Management Plan (for materials storage areas)	<ul style="list-style-type: none"> <li>Demolition</li> <li>Structural frame erection</li> <li>Wall &amp; Roof cladding</li> <li>Temporary works Support Systems</li> </ul>	YES	



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**1.3 Site Services (Including Temporary Electrics)**

No.	ACTIVITY / ELEMENT	SIGNIFICANT RISKS/HAZARDS	Person at Risk				ACTIONS REQUIRED TO REDUCE OR CONTROL RISKS	PROCEDURE REQUIRED?	SPECIFIC OPERATIONS AFFECTED / LOCATION	TS RA /MS? (Y/N)	ACTION BY: (SUB. / PC
			Site Personnel	Public	Subcontractor	Others					
1	Temporary electricity distribution	<ul style="list-style-type: none"> <li>Electric shock</li> <li>Fire</li> </ul>	√		√	√	'Temporary Electrics Manager' appointed to prepare Temporary Electrics Plan ensuring: <ul style="list-style-type: none"> <li>Sufficient transformers &amp; socket outlets to prevent overload</li> <li>Leads carefully laid out – suspended where possible or laid away from congested areas to reduce likelihood of damage trip hazards</li> <li>Regular inspections are undertaken of sockets &amp; leads</li> </ul>	Temporary Electrics Plan.	Temporary electrics required & areas to be installed: <ul style="list-style-type: none"> <li>Route lighting (ext. / int.)</li> <li>Security lighting to grounds</li> <li>Task Lighting</li> <li>Power Distribution within building</li> </ul>		
2	Work on live electrical circuits	<ul style="list-style-type: none"> <li>Electric shock</li> <li>Fire</li> </ul>	√		√	√	<ul style="list-style-type: none"> <li>Full liaison with utility providers &amp; Temporary Electrics Manager prior to &amp; during work</li> <li>Inspection regime initiated</li> </ul>	Permits to Work  Handover Certificates	<ul style="list-style-type: none"> <li>New connections</li> <li>Repairs &amp; Maintenance</li> </ul>	YES	
3	Work near overhead cables	<ul style="list-style-type: none"> <li>Electric shock</li> </ul>	√	√	√	√	<ul style="list-style-type: none"> <li>Electricity Board informed of works &amp; electricity re-routed if possible</li> <li>Warning signs &amp; safe working distances displayed in vicinity of overhead cables</li> <li>Protection provided to overhead cables/services</li> </ul>	Permits to Work	EXAMPLES <ul style="list-style-type: none"> <li>Work at height</li> <li>Work involving use of equipment with high reach or high sided vehicles (e.g. fork trucks/cranes,</li> </ul>	YES	

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										etc)		
4	Work near / to underground services (inc. electric, gas, water, telecomm's, drainage)	<ul style="list-style-type: none"> <li>• Electric shock</li> <li>• Asphyxiation</li> <li>• Explosion</li> <li>• Confined Spaces</li> </ul>	√	√	√	√	<ul style="list-style-type: none"> <li>• Existing service drawings checked prior to excavation</li> <li>• Trial holes hand-dug in vicinity of all underground services</li> <li>• For electricity; electric board informed of works &amp; electricity re-routed if possible</li> <li>• CAT scans undertaken prior to &amp; during excavation</li> </ul>	Permits to Dig  Permits to Work	State all such operations / locations: EXAMPLES <ul style="list-style-type: none"> <li>• Service Works</li> </ul>	YES		

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**Work Areas**

No.	ACTIVITY / ELEMENT	SIGNIFICANT RISKS/HAZARDS	People at Risk				ACTIONS REQUIRED TO REDUCE OR CONTROL RISKS	PROCEDURE REQUIRED?	SPECIFIC OPERATIONS AFFECTED / LOCATION	TS RA /MS? (Y/N)	ACTION BY: (SUB. / PC)
			Site Personnel	Public	Subcontractor	Others					
1	Work in excavations	<ul style="list-style-type: none"> <li>• Falls (people &amp; things)</li> <li>• Premature collapse</li> <li>• Confined spaces</li> </ul>	√		√	√	<ul style="list-style-type: none"> <li>• Excavation sides battered to a safe angle or support system provided</li> <li>• Safe access/egress provided</li> <li>• All excavations / support systems entered onto TW's register &amp; monitored accordingly</li> <li>• Folder kept for all major elements of TW's (such as trench support systems) containing relevant documentation (Designs, technical data, inspection reports, etc)</li> </ul>	<p>Temporary Works Register</p> <p>Temporary Works Folder (support systems)</p>		YES	
2	Work in Confined Spaces	<ul style="list-style-type: none"> <li>• Asphyxiation</li> <li>• Fire</li> <li>• Explosion</li> </ul>	√		√		<ul style="list-style-type: none"> <li>• Only competent people to work in such areas</li> <li>• Safe access/egress provided</li> <li>• Atmospheric monitoring equipment used to monitor environment</li> <li>• Correct PPE worn</li> <li>• Personal hygiene stressed &amp; shower facilities made available if necessary</li> <li>• Health surveillance initiated if necessary</li> </ul>	Permits to Work	<p>State all such operations / locations:</p> <p>EXAMPLES</p> <ul style="list-style-type: none"> <li>• Drainage Connection</li> </ul>	YES	

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**1.5 Working at Height**

No.	ACTIVITY / ELEMENT	SIGNIFICANT RISKS/HAZARDS	People at Risk				ACTIONS REQUIRED TO REDUCE OR CONTROL RISKS	PROCEDURE REQUIRED?	SPECIFIC OPERATIONS AFFECTED / LOCATION	TS RA /MS? (Y/N)	ACTION BY: (SUB. / PC)
			Site Personnel	Public	Subcontractor	Others					
1	Work areas	<ul style="list-style-type: none"> <li>• Falls (people)</li> <li>• Falls (things)</li> <li>• Premature collapse</li> </ul>	√	√	√	√	<ul style="list-style-type: none"> <li>• Only competent people to work at height; signage / barriers erected warning of restricted access</li> <li>• Safe working area provided with following hierarchy of fall protection in place:                             <ul style="list-style-type: none"> <li>• Collective fall protection (guard rails / nets / bags), where possible, erected &amp; inspected by competent people</li> <li>• Individual fall protection (harnesses / lanyards / inertia reels) as a last resort, used &amp; inspected by competent people &amp; fastened to suitable anchor points</li> </ul> </li> <li>• Safe access provided to work area (proprietary steps used as opposed to ladders where feasible)</li> <li>• Any fragile surfaces clearly demarcated by means of physical barriers &amp; signage</li> <li>• Exclusion zones set-up directly below work areas where appropriate</li> <li>• Materials stacked away from leading edges unless full edge protection provided (inclusive of brick guards)</li> </ul>	Handover Procedure (certifying that work areas are safe)	EXAMPLES <ul style="list-style-type: none"> <li>• Demolition</li> <li>• Structural frame erection</li> <li>• Roof Structure works</li> <li>• Wall &amp; Roof cladding</li> </ul>	YES	



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							<ul style="list-style-type: none"> <li>SWL of working platform never exceeded</li> </ul>				
2	Erection, dismantling & use of Temporary Works / support systems at height	<ul style="list-style-type: none"> <li>Falls (people)</li> <li>Falls (things)</li> <li>Premature collapse</li> </ul>	√	√	√	√	<p>In addition to control measures stated above for general work areas located at height:</p> <ul style="list-style-type: none"> <li>Designed, constructed, maintained &amp; dismantled by competent people</li> <li>Exclusion zones set up during erection, dismantling &amp; use</li> <li>All support systems entered onto TW's register &amp; monitored accordingly</li> <li>Folder kept for all major elements of TW's containing relevant documentation (Designs, technical data, inspection reports, etc)</li> </ul>	<p>Temporary Works Register</p> <p>TW's Folders (for each support system)</p> <p>Permits to load / strike</p> <p>'Scaff-Tag' system (for all scaffolds)</p>	<ul style="list-style-type: none"> <li>Scaffolds</li> </ul>	YES	
3	Openings / holes in working platforms	<ul style="list-style-type: none"> <li>Falls (people)</li> <li>Falls (things)</li> </ul>	√		√	√	<ul style="list-style-type: none"> <li>All holes identified on 'Hole Register' &amp; regularly inspected</li> <li>All hole coverings to be fastened down &amp; clearly marked as 'Danger Hole Below'</li> <li>Full edge protection to be erected around larger openings</li> </ul>	Hole Register	<ul style="list-style-type: none"> <li>Services Risers</li> </ul>		
4	Use of Fall Protection PPE	<ul style="list-style-type: none"> <li>Falls (people)</li> <li>Falls (things)</li> </ul>	√		√		<ul style="list-style-type: none"> <li>Used only as a last resort when collective fall protection is not possible</li> <li>Users must be trained &amp; competent</li> <li>Pre-use Checks</li> <li>Quarterly Thorough Examination</li> </ul>	<p>RA for use (unless carried out as part of TS RA)</p> <p>Fall Arrest Equipment Register</p> <p>Fall Arrest</p>	<ul style="list-style-type: none"> <li>Structural Frame Erection</li> <li>Scaffolding erection</li> </ul>		

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									Equipment Issue sheet			
5	Use of Hoists	<ul style="list-style-type: none"> <li>Falls (people)</li> <li>Falls (things)</li> <li>Premature collapse</li> </ul>	√	√	√	√	<ul style="list-style-type: none"> <li>Control measures stated in <b>Section 1.4 (1)</b> for 'Plant &amp; equipment' in general to be followed</li> <li>MBRV procedure for use of Hoists to be followed</li> </ul>	Plant Register & PUWER Folder  Toolbox talks		Yes		
6	Use of MEWP's	<ul style="list-style-type: none"> <li>Falls (people)</li> <li>Falls (things)</li> <li>Premature collapse</li> </ul>	√	√	√	√	<ul style="list-style-type: none"> <li>Control measures stated in <b>Section 1.4 (1)</b> for 'Plant &amp; equipment' in general to be followed</li> <li>MBRV procedure for use of MEWP's to be followed</li> <li>Fall Restraint PPE required in cherry pickers</li> </ul>	RA for use (unless carried out as part of TS RA)  Plant Register & PUWER Folder  Toolbox talks	Not Applicable			
7	Use of Mobile Alloy Towers (MAT's)	<ul style="list-style-type: none"> <li>Falls (people)</li> <li>Falls (things)</li> <li>Premature collapse</li> </ul>	√	√	√		<ul style="list-style-type: none"> <li>Control measures stated in <b>Section 1.4 (1)</b> for 'Plant &amp; equipment' in general to be followed</li> <li>Correct size / type of tower selected</li> <li>Erected by PASMA certified operatives to manufacturers instructions (outriggers used where necessary)</li> <li>Full boarded with double handrails &amp; toe boards fitted</li> <li>All users to carry 'tower scaffold card'</li> <li>Exclusion zones set up where feasible</li> <li>Regularly inspected to ensure no adjustments/modifications have been made. Weekly recorded inspections</li> </ul>	RA for use Handover Procedure  Plant Register & PUWER Folder  Toolbox talks	: <ul style="list-style-type: none"> <li>M&amp;E Works</li> <li>Ceiling Installation</li> <li>Painting &amp; Decorating Works</li> </ul>			
8	Use of stepladders	<ul style="list-style-type: none"> <li>Falls (people)</li> <li>Falls (things)</li> </ul>	√		√	√	<ul style="list-style-type: none"> <li>Only used for simple tasks of short duration (not to be used as working</li> </ul>	RA for use	<ul style="list-style-type: none"> <li>M&amp;E Works</li> </ul>			

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							<ul style="list-style-type: none"> <li>platform)</li> <li>• Only Industrial Grade ladders to be used</li> <li>• Fully inspected prior to use and at regular intervals</li> <li>• Placed away from traffic/pedestrian routes</li> <li>• Operatives to have 3 points of contact with ladder at all times</li> </ul>		<ul style="list-style-type: none"> <li>• Ceiling Installations</li> <li>• Painting &amp; Decorating Works</li> </ul>		
9	Use of Ladders	<ul style="list-style-type: none"> <li>• Falls (people)</li> <li>• Falls (things)</li> </ul>	√		√	√	In addition to control measures stated above for stepladders: <ul style="list-style-type: none"> <li>• Must be tied / footed</li> <li>• Must extend at least 1m above landing platform</li> <li>• Slope Rate of 1:4</li> <li>• Max. Ladder Height 9m (between rest points)</li> </ul>	RA for use	Access to Height		

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### 1.7 Management and Control of Lifting Operations and Mechanical Handling

MBRV has appointed a competent 'Appointed Person' for lifting operations.

The Appointed Person is responsible for ensuring that the requirements of the Group Standard: The Safe Operation of Cranes 2004, are fully complied with by developing and constantly reviewing a Lifting Operations Plan.

The Appointed Person, who is named in section 2.2 of this plan, will hold the Lifting Plan.

The Lifting Operations Plan will include:

- The Crane Team Organisation Chart
- Authorisation of Slinger / Signallers
- Identification and Initial Assessment of Lifting Operations
- Schedule of Common Lifts
- Index of Method Statements for Special Lifts
- Lifting Operations Assessment Forms
- Project Arrangements for Procurement of Lifting Equipment
- Register of Lifting Equipment
- 

Communications: -

- Crane Team Meetings
- Briefing Sessions
- Signalling systems / radios
- Identification of slinger/signallers
- Site Craneage Layouts (where applicable).

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**1.8 Other Significant Safety Hazards**

No.	ACTIVITY / ELEMENT	SIGNIFICANT RISKS/HAZARDS	People at Risk				ACTIONS REQUIRED TO REDUCE OR CONTROL RISKS	PROCEDURE REQUIRED?	SPECIFIC OPERATIONS AFFECTED / LOCATION	TS RA /MS? (Y/N)	ACTION BY: (SUB. / PC)
			Site Personnel	Public	Subcontractor	Others					
1	Housekeeping	<ul style="list-style-type: none"> <li>Falls (people)</li> <li>Fire</li> </ul>	√		√	√	<ul style="list-style-type: none"> <li>Daily monitoring of work areas/access routes to prevent build up of waste</li> <li>Sufficient rubbish skips/bins provided</li> <li>Waste Management procedures implemented</li> </ul>	Environmental Management Plan	All operations / whole site		
2	Poor Ground Conditions	<ul style="list-style-type: none"> <li>Falls (people)</li> <li>Struck by vehicles</li> </ul>	√		√	√	<ul style="list-style-type: none"> <li>Hard standings laid in areas subject to frequent traffic/loading (i.e. where materials / site cabins are to be placed)</li> <li>Access routes well maintained; kept clean, level and trip free</li> <li>Mud accumulating in the work area to be frequently scraped up as conditions dictate</li> </ul>		All operations / whole site		
3	Materials Storage	<ul style="list-style-type: none"> <li>Falls (things)</li> <li>Fire</li> <li>MSD</li> <li>Struck by vehicles</li> </ul>	√	√	√	√	<ul style="list-style-type: none"> <li>Stored only in designated areas</li> <li>Stored in accordance with manufacturers guidance</li> <li>Packaging checked prior to stacking (i.e. no loose bands/straps)</li> <li>Unbound materials must be protected from accidental collapse</li> <li>Stacks not too high &amp; laid on stable ground</li> <li>Stacks regularly checked for stability</li> <li>Combustible materials not stored internally without prior permission from</li> </ul>	Traffic Management Plan  Site Layout Plan	All operations / whole site		

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							the Project Manager. Must be covered with LPS 1207 <b>Also refer to Section 1.2; 'Movement around site'</b>				
4	Flooding	<ul style="list-style-type: none"> <li>Drowning</li> </ul>	√		√	√	<ul style="list-style-type: none"> <li>Surveys undertaken to determine risk of flooding</li> <li>Pumps provided if necessary</li> <li>Weather forecast continually monitored</li> </ul>				
5	Hot Works	<ul style="list-style-type: none"> <li>Fire</li> <li>Explosion</li> </ul>	√		√	√	<ul style="list-style-type: none"> <li>Fire extinguisher in presence of all hot works</li> <li>Hot works to cease min. one hour before end of working day &amp; work inspected prior to leaving site</li> <li>All work areas kept clear of debris &amp; rubbish</li> </ul>	Hot Works Permits	<ul style="list-style-type: none"> <li>Plumbing Works</li> </ul>		
5	Undermining of adjacent structures	<ul style="list-style-type: none"> <li>Falls (people &amp; things)</li> <li>Premature collapse</li> </ul>	√	√	√	√	<ul style="list-style-type: none"> <li>Surveys of adjacent structures &amp; ground conditions undertaken prior to work commencing</li> <li>Temporary/permanent support provided as necessary</li> <li>All support systems designed, constructed, maintained &amp; dismantled by competent people</li> <li>All support systems entered onto TW's register &amp; monitored accordingly</li> <li>Folder kept for all major elements of TW's containing relevant documentation (Designs, technical data, inspection reports, etc)</li> </ul>	Temporary Works Register  TW's Folders (for each support system)			
6	Lone workers	<ul style="list-style-type: none"> <li>All hazards accentuated</li> </ul>	√		√	√	<ul style="list-style-type: none"> <li>Situation avoided wherever possible</li> <li>Individual must be competent to carry out task</li> <li>In case of lone security staff; remote</li> </ul>	RA undertaken considering worker	All operations / whole site		

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							calling station must be provided	involved & task at hand		
7	Young Workers	<ul style="list-style-type: none"> <li>All hazards accentuated</li> </ul>	√		√	√	<ul style="list-style-type: none"> <li>Senior MBRV management approval if operatives &lt;18</li> <li>Increase level of supervision/training required</li> </ul>	RA undertaken considering worker involved & task at hand	All operations / whole site	
8	Pregnant & nursing mothers	<ul style="list-style-type: none"> <li>All hazards accentuated</li> </ul>	√		√	√	<ul style="list-style-type: none"> <li>Workers duties reduced where necessary</li> </ul>	RA undertaken considering worker involved & task at hand	All operations / whole site	

**2.0 Health Hazards**

No.	ACTIVITY / ELEMENT	SIGNIFICANT RISKS/HAZARDS	People at Risk				ACTIONS REQUIRED TO REDUCE OR CONTROL RISKS	PROCEDURE REQUIRED?	SPECIFIC OPERATIONS AFFECTED / LOCATION	TS RA /MS? (Y/N)	ACTION BY: (SUB. / PC)
			Site Personnel	Public	Subcontractor	Others					
1	Contaminated land / buildings	<ul style="list-style-type: none"> <li>Hazardous materials</li> </ul>	√	√	√	√	<ul style="list-style-type: none"> <li>Surveys carried out to determine extent of hazard prior to work commencing</li> <li>Specific Regulations/guidance followed at all times</li> <li>Contaminated areas segregated whilst removal occurs</li> <li>Correct PPE worn</li> <li>Personal hygiene stressed &amp; shower facilities made available if necessary</li> <li>Health Surveillance initiated if necessary</li> </ul>	Permits to Work  Toolbox talks	<ul style="list-style-type: none"> <li>Asbestos removal within building A</li> <li>Asbestos removal</li> <li>Lead paint removal to interior joinery</li> </ul>	Yes	

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6	Vermin	<ul style="list-style-type: none"> <li>Biological hazards (e.g. leptospirosis)</li> </ul>	√	√	√	√	<ul style="list-style-type: none"> <li>Food consumed only in designated areas</li> <li>Rubbish regularly removed</li> <li>Site Personnel informed of risk</li> <li>If rodents sighted, vermin control company to be enlisted</li> </ul>		State if vermin present / location:		
2	Use of hazardous materials	<ul style="list-style-type: none"> <li>Hazardous materials</li> <li>Dermatitis</li> </ul>	√	√	√	√	<ul style="list-style-type: none"> <li>Eliminated/substituted wherever possible</li> <li>Stored in a locked container or secure area &amp; marked as 'Hazardous Materials'</li> <li>Used/installed only by competent people</li> <li>Correct PPE worn</li> <li>Barrier creams, hand cleansers &amp; after-care creams provided</li> <li>Health Surveillance if necessary</li> </ul>	<p>COSHH Assessments_ (unless carried out as part of TS RA)</p> <p>Toolbox talks</p> <p>COSHH Register</p> <p>COSHH Issue Sheets</p>	<ul style="list-style-type: none"> <li>Concreting</li> <li>Machine maintenance &amp; oil, etc</li> </ul>		
3	Use of Vibration tools	<ul style="list-style-type: none"> <li>MSD</li> <li>Hand Arm Vibration Syndrome (HAVS)</li> </ul>	√		√		<ul style="list-style-type: none"> <li>Eliminated where possible through alternative methods of work (e.g. mechanical methods / chemical use)</li> <li>If unavoidable low vibration equipment used &amp; regularly maintained</li> <li>Max. usage time/shift for specific equipment determined &amp; never exceeded</li> <li>Rotation of workforce to limit individual exposure</li> <li>Last Resort; PPE worn such as anti-vibration gloves</li> </ul> <p><b>Also refer to Section 1.4; 'use of plant &amp; equipment'</b></p>	<p>RA (unless carried out as part of TS RA)</p> <p>Toolbox talks</p>	<ul style="list-style-type: none"> <li>Drills</li> <li>Breakers</li> <li>Compactors</li> </ul>		



## Dalcon Superprime H+S Plan (section 3) INITIAL PROJECT RISK ASSESSMENT

### DRAFT 1

4	Manual Handling	<ul style="list-style-type: none"> <li>MSD</li> </ul>	v		v		<ul style="list-style-type: none"> <li>Eliminated wherever possible through use of alternative materials / mechanical means of lifting</li> <li>Training provided for all personnel involved in manual handling</li> <li>Gloves to be worn</li> </ul>	Manual Handling Assessment	<ul style="list-style-type: none"> <li>Bricklaying</li> <li>Scaffolding</li> <li>Kerb / flag laying</li> </ul>		
5	Noisy activities	<ul style="list-style-type: none"> <li>Noise</li> </ul>	v	v	v	v	<ul style="list-style-type: none"> <li>Eliminated wherever possible through use of alternative designs, equipment, methods of work</li> <li>All plant to be fitted with silencers, mufflers, noise reducing doors, etc.</li> <li>Screens erected shielding noisy machines / work activities</li> <li>Demarcation of ear protection zones</li> <li>Considerate Constructors scheme initiated; neighbours kept informed of when noisy activities will occur</li> </ul>	Noise Assessments if required			

Assessed By:

Date: