

USSL Risk Assessment

Risk Assessment No		63	Activity		Loading and Unloading		Locations		Site Works	
Assessment Undertaken by		M. Watson	Assessment Date		Jun-17		Review Date		1/6/18	
Risk Ratings										
Persons at risk (PAR)			Severity / Harm Rating (S)			Likelihood (L)				
E	Employees / Contractors	1	Negligible injury or no injury			1	Extremely unlikely to occur at any time			
P	Members of Public	2	Minor injury requiring First Aid			2	A rare combination of factors would be required for an incident to occur			
V	Visitors	3	Lost time injury			3	Could happen, but considered unlikely under normal circumstances			
C	Clients	4	Single serious injury or single death			4	Not certain, but an additional factor may result in an incident			
		5	Multiple deaths and or serious injuries			5	Almost inevitable that an incident will result - Highly likely to occur			
Tolerance rating										
15 - 25		DANGER - Task/activity should not proceed. Further control measures are to be put in place to reduce risk. When in place the level of risk should be re-assessed for adequacy before the work recommences.								
7 - 14		SIGNIFICANT RISK is attached to this task/activity. Look critically at ways of reducing the level of risk to a more tolerable level by improving existing control measures or introducing new controls.								
1 - 6		TOLERABLE RISK - Consider if risk is "as low as reasonably practicable", if not try to reduce risk further by improving control measures. Keep under review and continue with task/activity, but with caution								
NB. Full PPE will be utilised as a matter of course during any works undertaken										
Initial Assessment No controls						Risk Mitigation Measures				
Item No	Hazard Identification	PAR	S	L	Score	Control Measures	S	L	Revised Score	Risk Acceptable
1	Contact with Pedestrians/Vehicles	E,P,V,C	4	4	16	Don high-visibility clothing (correct type for speed of road). Sign and Guard the site in compliance with Chapter 8. Read and implement the control measures detailed in Method Statement & Risk Assessment 06 'Signing and Guarding'. Ensure that the flashing beacon is in operation well in advance of entering the site, when leaving the site and at all times during operations on site. Park the vehicle safely within the working space. DO NOT allow members of the public to walk under suspended loads. DO NOT carry out lifting operations adjacent to schools during start/home times. Always ensure that a banksman is available and in view at all times in order to give signals when manoeuvring the vehicle, particularly when reversing. The driver of the vehicle MUST NOT attempt to carry out any difficult/reverse manoeuvres without the aid of a banksman. ensure that the spoil is deposited directly into the body in order to prevent spillage over the sides of the vehicle onto pedestrianised areas. Loading and Unloading over the pavement should be avoided, but where this is not possible a specific risk assessment should be carried out.	4	1	4	Yes
2	Reversing	E,P,V,C	4	4	16	Avoid reversing so far as possible. Ensure a qualified banksman is present to supervise any reversing operation. Pedestrians must be kept away from reversing area. Reversing should only take place where there is enough light for drivers and pedestrians to clearly see what is happening.	4	1	4	Yes
3	Operatives/ Pedestrians being struck by Materials	E,P,V,C	4	4	16	All loads need to be secured to prevent any part slipping or falling from the vehicle. The Boom should be correctly secured once the loading/unloading has been completed. Personnel not involved in the lifting operation must be excluded from the area beneath the boom and the load. All operatives must wear the required PPE, Hi-Viz, safety boots, hard hats, as a minimum. A load must never be left suspended and unattended, persons must stay clear of any raised load. Ensure lifting accessories have the current certificate and testing.	4	2	8	Yes
4	Fall from the vehicle	E	4	4	16	Vehicles should be parked on firm level ground. Vehicles should be parked in such away as they do not cause a hazard to other road users, beacons need to be in operation during loading/unloading. Access and Egress from the vehicle should be via a well constructed ladder fixed to the vehicle and installed by the manufacture. Vehicle steps and the working platform should be made of slip resistant material. NO unauthorised persons are allowed to access the vehicle. Rungs and steps should be level and give plenty of foothold/foohold. Steps and the working platform should have sound hand rails and guard rails. NO one should jump from or onto the vehicle. Access into the main body of the vehicle should be avoided.	4	2	8	Yes
5	Parking	E	3	4	12	Vehicles need to be parked in a clear and safe area. Beacons need to be in use at all times. Vehicles engines must not be left running.	3	1	3	Yes
6	Overhead Power Lines	E	4	4	16	No part of the HIAB should be allowed within i) 15 metres of lines suspended from steel towers, ii) 9 metres from lines suspended from wooden poles. You must consult your Supervisor and the Company Health & Safety Manager before operating any plant in close proximity to overhead power lines. If work requires the HIAB or other equipment to work closer than stated above, the power must be isolated/re-routed and a permit-to-work obtained from the electricity supplier. If the power can not be isolated or re-routed, stop work and advise your supervisor. All operations in close proximity must comply with GS6 'Avoiding Danger from Overhead Electric Lines'.	4	1	4	Yes
7	Overturning.	E,P,V,C	4	4	16	Outriggers to be extended at all times during loading/unloading. An interlocking system must be fitted (or equivalent engineering solution) to prevent operation without stabilisers being extended. Ground conditions must be assessed prior to loading and unloading, checking for drains, service ducts, cellars etc. Ensure grab is not overloaded, especially if the boom is being used at maximum out reach. Always check that the machine is stable before operating	4	2	8	Yes
8	Manual Handling	E	3	4	12	Avoid hazardous manual handling operations so far as reasonably practicable Carry out suitable and sufficient risk assessment. All staff to receive manual handling training Heavy Equipment to be carried by a minimum of 2 people	3	2	6	Yes
9	Slips, Trips and Falls.	E	3	4	12	Areas to be kepts clear and tidy, material should be stored in designated area. Excavations need to be guarded and signed. Any used or unwanted materials needs to be discarded in the appropriate skips ready for removal.	3	1	3	Yes
10	Lifting Equipment.	E,P,V,C	4	4	16	All lifting equipment and lifting accessories are subject to a schedule of thorough examination by a competent person at intervals not exceeding: 6 months for lifting equipment used for lifting persons and all lifting accessories. 12 months for other lifting equipment.	4	2	8	Yes
11	Defective Equipment.	E,P,V,C	4	4	16	HIAB to be thoroughly examined by a competent person every 12 months and records kept. Any associated lifting chains, slings, straps and eye bolts to be thoroughly examined every 6 months by a competent person and records kept. DO NOT use defective equipment, report any defective equipment immediately to your supervisor. HIAB and associated lifting equipment MUST be visually inspected once per week. Results of the inspection MUST not be entered into the LOLER Register.	4	1	4	Yes
12	Entrapment	E	4	4	16	All moving parts and mechanisms should be properly and secured guarded. Warning signs should be in place to warn about moving parts and mechanisms. Segregate pedestrians from loading/unloading operator Supervision needs to be in place to prevent inquisitive people especially children getting to close or underneath the vehicle.	4	2	8	Yes
13	Loading/Unloading	E,P,V,C	4	4	16	Loading/Unloading should be off the road and pavement well away from members of the public. Loading and Unloading over the pavement should be avoided. Delivery drivers should try and park their vehicles so that the side of the delivery vehicle with the easiest access load is towards the workplace.	4	1	4	Yes