

USSL Risk Assessment

Risk Assessment No		59		Activity		Use of Mobile Towers		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 by 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	Falling Persons/Materials, Overturning or Overloading the Scaffold (Pre-Use Check of Equipment)	E,P,V,C	4	4	16	Only suitably trained operatives are permitted to erect/dismantle scaffold towers. Ensure a copy of the manufactures assembly instructions are available, if the scaffold is hired, the hire company must provide this information. Ensure that all tower components are of the same type and free from defects. Ensure platform boards are free from holes and other damage. Check that castors have a working locking device. Ensure that ground conditions are suitable, firm, level and safe. Check to ensure weather conditions are suitable for the operation (e.g no high winds). Barriers and signage should be posted around the scaffold. Never erect tower in the vicinity of overhead power lines. Remove all ladders or dismantle tower if there is a risk of unauthorised access (e.g children).	4	2	8	Yes		
2	Falling Persons/Material, Overturning or Overloading of Scaffold tower (Erection of Scaffold)	E,P,V,C	4	4	16	Tower should be erected using either the "advanced guard rail" or "through the trap" technique. Check that components are properly levelled and located at the first lift to ensure additional components are vertically self aligning. (check vertical alignment at the base) Castors must always be applied and locked when the tower is stationary. Use any adjustable legs for levelling purposes only and not to gain extra height. Never attempt to gain extra height by resting the tower on any form of blocks etc or by placing steps or ladders etc on the working platforms. Stabilisers are required for towers exceeding 3m, but check manufactures instructions for safe working heights and recommendations on the use of stabilisers, outriggers etc. Ensure guard rails, intermediate guard rails and toeboards are fitted before working on the tower. The tower may need to be tied if it is to be sheeted, if percussive tools are to be used, if it is likely to be exposed to strong winds, if heavy materials are to be lifted and if it is going to exceed 9.75m (Check Manufactures instructions) NEVER WORK ON INCOMPLETED TOWERS.	4	2	8	Yes		
3	Falling Persons/Material, Overturning or Overloading of Scaffold tower (Use of Tower)	E,P,V,C	4	5	20	Ensure that suitable access to the tower is installed i.e via the internal ladder. Never climb up the outside frames of a tower as there is a danger of overturning. Once access has been gained via the working platform hatch, the hatch should be replaced and should remain closed until someone needs to leave the working platform. If materials need to be lifted up to the tower, then raise the material within the tower structure or if this is not possible raise between the extremities of the out riggers/stabilisers, The tower may need to be tied for such work. If the tower requires moving reduce to a maximum height of 4m. Towers should be moved as close to the working area as possible to prevent operatives overreaching. Ensure the tower is cleared of person and material prior to moving the tower. Do not apply unnecessary force when moving the tower as there is a danger of overturning.	4	2	8	Yes		
4	Falling Persons/Material, Overturning or Overloading of Scaffold tower (Dismantling of the Tower)	E,P,V,C	4	5	16	Ensure tower is cleared of materials before dismantling. Ensure immediate areas around the tower is clear of unnecessary persons before dismantling using either the "advanced guard" or "through the trap" technique Pass all components down to someone at ground level. Do not throw tower components to the ground. Store tower components tidily in a dry area where possible.	4	2	8	Yes		