



**Activity: Use of Mobile Towers**

<b>Assessors Name:</b>	Chris Ogden	5. Extreme	5 (LOW)	10 (MED)	15 (MED)	20 (HIGH)	25 (HIGH)
<b>Assessors Signature:</b>	Chris Ogden	4. Major	4 (LOW)	8 (MED)	12 (MED)	16 (MED)	20 (HIGH)
<b>Assessment Date:</b>	14/03/16	3. Minor	3 (LOW)	6 (MED)	9 (MED)	12 (MED)	15 (MED)
<b>Contract Title:</b>		2. Limited	2 (LOW)	4 (LOW)	6 (MED)	8 (MED)	10 (MED)
<b>EFFECTED PERSONS:</b>		1. Trivial	1 (LOW)	2 (LOW)	3 (LOW)	4 (LOW)	5 (LOW)
Visitors			1. Unlikely	2. Rarely	3. Occasional	4. Frequent	5. Inevitable
Employees	X		<b>RATING</b>		<b>REVIEW PERIOD:</b> 2 years		
Contractors			<b>HIGH RISK</b>		Intolerable - Do not start work		
Others (specify)			<b>MED RISK</b>		Tolerable - Reduce ALARP. Review bi-annually/change.		
			<b>LOW RISK</b>		Tolerable - Monitor. Review bi-annually/change.		

No.	Hazard/Aspect Hazardous Event	H&S Consequence Environmental Impact	Pre-control		Control Measures to be Employed	Final Risk			
			Rating	LxS = Risk		Rating	LxS = Risk		
1	Mobile tower failing and/collapsing.	Severe injury including death. Property damage.	2	5	10	Ensure that the tower design is appropriate to the task at hand, ensure that the mobile tower has been subjected to appropriate servicing and inspections by a competent person. Ensure that the mobile tower is erected by a properly trained (PASMA certificated) person and subject to appropriate inspections. Also ensure that all platform boards are well and maintained and inspected by a properly trained person. Restrict access by non-essential persons from works by the use of barriers and signage.	1	5	5
2	Mobile tower overturning, struck by vehicle, overloading the mobile tower.	Severe injury including death. Property damage.	2	5	10	Ensure that the mobile tower is suited to the ground conditions at the work site. Consider edges, slopes, manhole covers, service ducts and potholes. Temporary and permanent covers should be strong enough to withstand applied pressure. Establish load bearing capacity when working inside a building. Check that weather conditions has not altered ground conditions. Ensure that mobile tower does not obstruct roads or other transport routes and walkways. All work on tower must cease if wind speed in more than 17mph.	1	5	5



2					<p>Avoid any kind of work that would induce a sideways pressure on the mobile tower.</p> <p>Avoid hoisting heavy materials up the outside of the tower, if this cannot be avoided, then tying-in the tower to an adjacent structure is acceptable. Never gain access to the tower by leaning a ladder against it.</p> <p>Never climb up the tower to gain access to the working platform.</p>				
3	Falling from tower.	Severe injury including death.	2	5	10	<p>There must be easy access to work platforms on tower via integrated ladders and trapdoors, the work platforms themselves must be provided with suitable edge protection and toe boards. Guard rails must be at least 950 mm high and an intermediate guard rail should be provided so the unprotected gap does not Exceed 470mm.</p>	1	5	5
4	Contact with overhead electrical cables.	Electrocution/Burns/death	2	5	10	<p>Maintain a safe distance from overhead electrical cables. No part of the tower should be closer than 15 metres to any overhead power lines on steel pylons (9 metres if on a wooden or steel pole) unless by agreement with the electricity company. Supervisor/Manager/Client to carry out checks to ensure that operative is observing these conditions. Regular toolbox talks to be delivered (documented and recorded).</p>	1	5	5
5	Moving the mobile tower.	Severe injury including death. Property damage	2	4	8	<p>Do not move tower whilst anyone is on the working platform. The working platforms must be free from work equipment and debris. Do not move the tower by towing it behind a vehicle, move the tower by pushing or pulling at its base. Check that there are no overhead power lines or other obstructions overhead. Reduce the height of the tower to a maximum of 4 metres prior to moving it.</p>	1	4	4
			<b>L</b>	<b>S</b>	<b>R</b>		<b>L</b>	<b>S</b>	<b>R</b>