



Risk Assessment – Use of Mobile Tower Scaffold.

Company:	SES Engineering (Newark) Ltd	Date:	16.05.2022	Review Date:	16.05.2023	Ref:	SES/0045
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Operation:	Use of Mobile Tower Scaffold.			Persons at risk:	Employees, 3 rd parties		
HAZARD	Assessment			CONTROL MEASURES TO REDUCE THE RISK	Re-Assessment		
	S	L	R		S	L	R
Falls from height- persons & materials. Serious injury.	4	4	16	Ensure the platform is fully boarded out with guardrails and toe boards. Do not move a tower with persons/materials on it. Always move mobile tower manually, never use mechanical means. When working ensure the access hatches are closed.	4	1	4
Foundation failure.	4	3	12	The foundation must be capable of always sustaining the total load during the erection and use of the tower. Never erect a tower on recently made-up ground, on lightweight manhole covers or on timber spanning excavations.	4	1	4
Collapse of structure.	4	4	16	Competent persons must always supervise the erection, alteration or dismantling of any type of tower scaffold. Before erection check that all components are in good condition, wheels rotate effectively and brakes and locking devices work correctly.	4	1	4
Overturning	4	5	20	Before using ensure that it is vertical and square, and the wheels are locked. Check that if fitted, outriggers are set correctly. The height of the tower should never exceed 3 times the smallest base width on rough terrain or 3½ times the smallest base width on smooth terrain. Never climb up the outside of a tower, use the internal ladder. Likewise, always hoist equipment/ materials up via the access hatches. Wherever possible tie the tower to a permanent structure.	4	1	4
Overloading	4	5	20	Ensure that the safe working load for the tower is not exceeded. Never use ladders or steps on a scaffold tower platform, as this will cause the tower to overturn.	4	1	4
Collisions	4	3	12	Before moving a tower ensure the travelling path is clear. After relocation check the tower is vertical and the wheels are locked. Cordon off the area around the tower to prevent collisions.	4	1	4



Likelihood →	Likely (5)	Probable (4)	Possible (3)	Unlikely (2)	Very unlikely (1)
↓ Severity					
Death (4)	20	16	12	8	4
Major Injury (3)	15	12	9	6	3
Minor Injury (2)	10	8	6	4	2
No Injury (1)	5	4	3	2	1

KEY: S = Severity

L = Likelihood

R = Risk rating

12-20 High risk
8-10 Medium risk
1-6 Low risk

PPE Required:

Hard hat	Y
High vis clothing & boots	Y
Eye/ ear protection	As necessary
Suitable gloves	As necessary
Respiratory equipment	As necessary
Safety harness	Y

Risk assessment to be reviewed every 12 months or following an accident / incident.