MINIMUM STANDARD

Mobile Aluminium Towers

SHEMS-MST-DPS-0011

The following Minimum Standard is applicable on all projects

Scope

This document provides a minimum standard to ensure the safe use of mobile towers and applies to Unitas employees and subcontractors. It should be read in conjunction with Unitas's Work at Height Standard (SHEMS-STD-GR-049).

Requirements

Risk Assessment

Prior to the use of any mobile tower an assessment must be undertaken to ensure the Work at Height Regulations hierarchy is considered. Refer to Work at Height Standard (SHEMS-STD-GR-049) and Risk and Impact Assessment Standard (SHEMS-STD-GR-014.

Selection

Mobile towers brought to Unitas sites are required to include an integral advance guardrail system (AGR) e.g.

- Turner Access Beta Guard system
- Youngman BoSS Cam-Lock system, see *figure 1*

The only exception being where it can be demonstrated that the type of tower required to undertake the work is not currently available via approved suppliers as an AGR option e.g.

- BoSS Room-Mate, where restrictions negate use of a standard width tower
- BoSS Zone 1, where a nonconductive tower is required

Falls of equipment

Injury from falling equipment should be prevented by creating an exclusion zone using physical barriers, warning signs and tethered tools - refer to the Tethering of Tools Minimum Standard (SHEMS-MST-DPS-0006.)

Stability

Suitably trained persons are responsible for ensuring that the ground is suitable to facilitate the safe use of mobile towers.

Pull test certificates must be provided if mobile towers are required to be anchored into structures.

Method

Mobile towers must be erected, altered or dismantled in accordance with the manufacturers / suppliers instructions which must be readily available.

Competence/Training

Mobile towers must be erected, altered or dismantled by persons who have attended and passed PASMA training and is in date.
Note: PASMA advise that individuals with current PASMA cards whose training was based on the 3T method, **do not** require any additional training in order to erect an advanced guardrail system tower in accordance with manufacturer's instructions.

Equipment maintenance / inspection

All tower components must be checked prior to use by a PASMA trained person.

The user should check daily that the tower is safe prior to use.

Inspections must be carried out / recorded if the tower is to remain in place for 7 days or more using SHEMS-FOR-GR-065 and logged in Project register.

If used externally towers must be inspected prior to use following inclement weather or anything else that may have affected the stability such as theft of parts.

Where towers have been erected by others (e.g. contractors) for the use of Unitas employees then a pre-use inspection must be undertaken and a hand over certificate must be provided.

Figure 1 highlights a number of key points to check when inspecting or mobile towers.

Fig *1* Youngman BoSS Cam-Lock Advance Guardrail system tower, detailing key points to establish when checking