



REFURBISHMENT WORKS AT SUBANG ENGINEERING COMPLEX A
LAPANGAN TERBANG ANTARABANGSA SULTAN ABDUL AZIZ SHAH, SUBANG
FOR IMPECCABLE VINTAGE PROPERTIES SDN. BHD

MOBILE ELEVATING WORKP LATFORM



TABLE OF CONTENTS

1 PURPOSE 4

2 SCOPE 4

3 REQUIREMENTS 5



1 PURPOSE

MEWP is to list out the EHS requirements for readers to gain sufficient knowledge so that the measures herewith can be implemented:

- To ensure Mobile Elevating Work Platforms (MEWP) are used, maintained according to manufacturers' specification.
- To prevent any topple and misuse of MEWPs at all locations where work at height without the use of scaffold platforms or ladders are taking place.

2 SCOPE

MEWP is to ensure that all Battery operated or diesel-run MEWPs follow safe working operations listed in this WIS.

3 REQUIREMENTS

- 3.1 Never operate the machine within 10ft of power lines.
- 3.2 Never drive the machine while elevated.
- 3.3 Never sit, stand or climb on guardrail or mid-rail.
- 3.4 Work personnel should attend a training course of the appropriate type of MEWP by an approved training provider or supplier.
- 3.5 Work personnel who have not attended the suppliers' training are not allowed to operate the MEWP. User shall be trained on the controls, safety features and emergency lowering procedure of the specific model of the MEWP. Operators, Spotter & Flagman to be debriefed and **evaluation test** to be conducted before allowed to operate. The retraining and evaluation had to be conducted every 3 months. Expired training will not be allowed to operate the MEWP.
- 3.6 Work on MEWP shall be conducted under the immediate supervision of a supervisor who has completed the relevant Work at Height Course
- 3.7 Never operate the machine without first surveying the work area for surface hazards such as holes, drop-offs, bumps and debris.
- 3.8 Check the MEWP daily before start work by using a site MEWP checklist.
- 3.9 Never operate the machine if all guardrails are not properly in place and secured.
- 3.10 Secure and lock gate after mounting platform.
- 3.11 Never use ladders or scaffolding on the platform.
- 3.12 Never attach overhanging loads or increase platform size.
- 3.13 Look up, down and around for overhead obstructions and electrical conductors.
- 3.14 Be aware of pinch hazards and caught in between hazards, do not place hands/ feet on the guardrails during elevating or retracting the platform. Provide rigid handles for the operator to hold on, while elevating or retracting the platform



- 3.15 Check safe working load, do not overload.
- 3.16 Distribute all loads evenly on the platform.
- 3.17 Never use damaged equipment.
- 3.18 Never change operating or safety systems or by-pass any Safety interlocks.
- 3.19 Always travel on low speeds.
- 3.20 Movement of MEWP shall be guided by banksman / flagman. Only 1 person to operate and 2 flagman for the Boom Lift during movement towards work area
- 3.21 No MEWP shall be allowed to move in an elevated position.
- 3.22 Banksman shall be trained on emergency lower controls of the MEWP that they are assigned to.
- 3.23 MEWP to be equipped with a blinking warning lights, alarm and fire extinguishers.
- 3.24 Inspect the machine thoroughly for cracked welds, loose hardware, hydraulic leaks, damage control cable, loose wire connections and wheel bolts.
- 3.25 Never climb down elevating assembly with the platform elevated.
- 3.26 Never recharge batteries near sparks or open flames, batteries that are being charged emit highly explosive hydrogen gas. Charge in well ventilated areas.
- 3.27 After use, secure the work platform against unauthorized use by turning key switch off and removing key.
- 3.28 Never replace any component or part with anything other than original replacement parts without the manufacturers' consent.
- 3.29 Lower the platform or retract telescopic boom when not in use.
- 3.30 Anchorage points defined in by the manufacturer shall be marked white and educated to work personnel on the identification.
- 3.31 Models without manufacturer's anchorage points are not allowed to be used. MEWPs have dual action controls (foot pedal with control panel, activating button on control stick). Such safety features shall be in good working conditions and not be tampered with.
- 3.32 In areas that are congested and present high caught in between hazards with installed services, an overhead provision of plastic poles can be erected to protect work personnel.
- 3.33 Such overhead protection shall not be erected in a manner that obstruct the operator's view of movement of the MEWP's cabin.
- 3.34 Fall prevention plan shall be developed for use of MEWPs before commencement of use.