

VolkerFitzpatrick ✓

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### MEWPS (SCISSOR LIFTS & BOOMS)

- All Plant is to be inspected prior to first use, by completing the appropriate pre-start check sheet and daily / weekly recorded inspections thereafter
- Daily / weekly inspection records for **site-based** plant are to be completed and held in the cab or other suitable location
- Operators must complete a full induction prior to starting work and evidence of having signed on to the appropriate RAMS / WPP / TBS for the task provided
- Sites must assess the suitability and selection of a MEWP for the tasks and environments. A specific risk assessment must be completed prior to work commencing which can be detailed in the main works risk assessment. This must take account of the ground conditions, inclines on which they are to be used
- A MEWP coordinator must be formally appointed on the H01-04 *Allocation of Responsibilities* at the outset of each project or contract where MEWPs are to be used, MEWP Manager must hold the MEWPs for Managers Training Course.



### MANDATORY

Plant	Operator
<ul style="list-style-type: none"> <li>• Pre-use inspection signed off</li> <li>• 6 monthly LOLER thorough examination certificate</li> <li>• Harness anchorage points in boom type MEWPS</li> <li>• Flashing amber beacon (boom only)</li> <li>• Evidence of regular inspection plus "next service due" date</li> <li>• Safe access for refuelling and maintenance</li> <li>• Operators' instructions must be available on the machine and operating control functions clearly marked</li> <li>• All safety labels (decals) in place</li> <li>• Locking caps / covers</li> <li>• Isolation switch with key / locking doors with key where applicable</li> <li>• Reversing alarm to be fitted, working and audible (lorry mounted)</li> <li>• Movement alarm to be fitted working and audible (Scissor and Boom)</li> <li>• SWL displayed in platform</li> <li>• Direction of travel must be clearly indicated</li> <li>• Traffic cones or other means of maintaining safe zone and avoiding pedestrian traffic near lifting</li> <li>• Maximum gradient for safe operation must be displayed</li> <li>• The machine must be suitable for the location (indoor / outdoor)</li> <li>• Power Failure Safe Lowering System</li> <li>• Maximum permitted wind-speed for safe operations must be displayed</li> <li>• Complete people exclusion area around plant and operation</li> <li>• Outrigger / wheel loading details provided and ground bearing capacity checked (where applicable)</li> <li>• Spreader plates are mandatory when using jacking legs / outriggers. This applies for all ground conditions including concrete and tarmac surfaces. Guidance can be found in H50-G05 Safe Use of Mobile Elevated Work Platforms - Ground Conditions</li> <li>• All booms and scissor lifts (MEWP category 1a, 1b, 3a and 3b) should have shrouded protection to the platform controls designed in such a way as to guard against sustained involuntary operation of the MEWP</li> <li>• All Boom type MEWPS (IPAF category 3b) must be fitted with a CE certified device to reduce the risks associated with crushing / trapping of the operator in the platform.</li> </ul>	<ul style="list-style-type: none"> <li>• Operation and working in MEWPS is classified as a "safety critical" activity.</li> <li>• Safety Critical' worker medical</li> <li>• Shall be suitably trained and competent</li> <li>• CPCS or IPAF Card with relevant equipment category endorsement</li> <li>• Competency assessment by site supervisor prior to being put to work</li> <li>• Full site-defined PPE required - close fitting PPE required in all cases to avoid catching on controls</li> <li>• Operator to be briefed on and to comply with VolkerWessels UK Pre-use, Daily and Weekly Defect Reporting System. Report defects and stop machine where defect is safety critical</li> <li>• Ensure machine is operated in accordance with manufactures instructions and in accordance with the operator's training</li> <li>• Be briefed on the site Plant and Vehicle Management procedures and check for overhead / ground obstructions and hazards</li> <li>• Shall stop work if any unauthorised / unsupervised personnel enter their immediate work area</li> <li>• Engine must be turned off if approached by others and keys removed from the ignition before leaving the plant unattended for any reason</li> <li>• Operator to mount and dismount machine using fixed access arrangements and always facing the machine</li> <li>• Harness to be worn in boom type MEWP, or in scissor lift if travelling with the platform raised, and to be appropriate for the specific use</li> <li>• All operators must be trained in the use of harnesses by attending recognised harness training</li> <li>• Shall report all unsafe conditions</li> <li>• Emergency lowering mechanism acceptable and emergency drill undertaken</li> <li>• Evidence of familiarisation training for the particular type of MEWP to be operated, including emergency recovery from the ground</li> <li>• Safety Net Erectors and Steel Erectors must also have the PAL+ qualification</li> </ul>

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n/a

MANDATORY	
Plant	Operator
<ul style="list-style-type: none"> <li>These systems may be electronic such as SkySiren or SiOPS pressure sensitive systems or mechanical such as Sanctuary Zones</li> <li>Cab / platform free of un-necessary items</li> </ul> <p><b>Environmental</b></p> <ul style="list-style-type: none"> <li>Engine must comply with the Stage IIIB European Emissions Standards and the NRMM Emissions Regulations</li> </ul>	
DESIRABLE	
<ul style="list-style-type: none"> <li>Reversing alarm to be directional and 'white noise'</li> <li>GPS tracker unit installed</li> <li>Isolation method independent of factory fitted locks</li> <li>When used for lifting a list of weights of potential items to be lifted should be maintained</li> <li>Photographs of approved MEWP operators to be displayed on the exterior of the machine, e.g. a laminated photograph</li> </ul>	
RISKS	CONTROLS
<ul style="list-style-type: none"> <li>Overturning if lifting duties exceeded or outriggers not deployed</li> <li>Danger of crushing</li> <li>Ground conditions and stability</li> <li>Effect of weather on visibility and working / traffic surfaces</li> <li>Overhead obstructions - cables; bridges</li> <li>Transportation including loading / unloading</li> <li>In the event of failure, rescue arrangements required</li> </ul>	<ul style="list-style-type: none"> <li>Safe and clean access into platform</li> <li>Safe and clean access for maintenance</li> <li>No entry into exclusion zone unless signalled by operator - <b>Thumbs Up</b></li> <li>Complete people exclusion area around plant and operation</li> <li>Isolation method independent of factory fitted locks</li> <li>Wheel nut indicators fitted</li> <li>Harness anchorage point in scissor lift</li> <li>Fire suppression in engine compartment if working in zone of fire risk or if emergency basket to basket evacuation procedures not practical</li> <li>Fisheye mirrors for all round vision when travelling</li> <li>Toolbox for equipment storage in basket and use of tethered tools</li> <li>MEWPs to have 110V supply available in basket pre-wired</li> <li>Tilt alarm fitted</li> <li>Audible alarm for lowering</li> <li>Rescue procedures, in the event of machine failure or operator illness or injury</li> </ul>

Note: All persons preparing risk assessments involving plant are encouraged to visit the proposed area of work and to review previous risk assessments undertaken for similar activities and safety alerts.

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