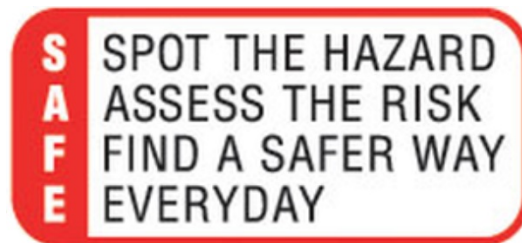


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## Risk Element

- Collision with other plant, vehicles, structures and persons;
- Overloading (causing overturning or failure of lifting mechanism);
- Overturning (on steep inclines or due to overloading, poor ground conditions or underground services, sewage/water pipes/storage tanks e.g.);
- Mechanical or hydraulic failure (caused by overloading or poor maintenance);
- Contact with overhead live services or obstructions, caused by failure to observe surrounding area (possibly causing entrapment between the MEWP and the obstruction);
- Risks associated with the maintenance of MEWPs;
- Slips trips and falls when getting in or out of MEWP;
- Exposure to excessive noise levels;
- Falls of persons from raised platform;
- Falls of materials from raised platform.

## Precautions to Eliminate/Reduce Risk

### Planning Stage

- Locate all overhead services in and around the work area and provide barriers and markers as necessary;
- Identify adverse gradients and ground conditions select appropriate machines (e.g. rough terrain) and operating position;
- Ensure correct equipment is selected after consideration of working space (including slewing area for cherry pickers), ground conditions, mobile elevating work platforms (MEWPs) capacity, operator visibility and working height & reach;
- Set out traffic and pedestrian routes to avoid swing areas of cherry pickers and blind spots, use barriers if required;
- Ensure a sufficient number of trained and authorised personnel are available to carry out the job;
- Ensure a way of communicating emergencies: for example by voice, radios, mobile phone, visually, standby person or shouting.

### On Site

- Keep machinery a safe distance from excavations, trenches or ladders;
- Check certification of machines and operators before allowing work to commence;
- Machine must be inspected visually before use;
- Check machine controls and safety features are working correctly before use. Do not use if features/safety devices are faulty. Report deficiencies;
- Ensure outriggers are working and are deployed, where required;
- Ensure the MEWP operator is fully aware of the nature of the work to be carried out;
- Ensure workers are made fully aware of their duties and work sequences;
- When necessary the work area should be barriered off to prevent unauthorised access into 'dangerous' areas.

### Action in an Emergency

- Follow manufacturer’s instructions;
- All qualified operators should be familiarised with the safety devices on the MEWP in use, its emergency lowering systems and ground controls.

| Emergency Situation Failure of:  | Proposed Action  |
|--|--|
| Upper control functions while elevated   | The normal upper control functions fail, the operator will use the upper auxiliary controls to lower the platform safely   |
| Operator to be able to operate the MEWP functions while elevated due to one of the following: <ul style="list-style-type: none"> <li>• Operator Incapacitated</li> <li>• Auxiliary functions fail to operate from upper control station</li> </ul> | The operator is incapable of lowering the raised platform using the upper controls, an appointed person familiarised in the use of the ground controls will use these to safely lower the platform |
| Ground control station   | An appointed person familiarised in the use of the ground controls will use the ground auxiliary controls to safely lower the platform   |
| All normal and auxiliary lowering functions  | If all functions have failed, a competent and authorised service engineer must be called, normally through the hire company. Refer to the MEWP markings.   |

### Safe Working Method

- Always follow manufacturer’s instructions;
- Always enter and leave the MEWP using the proper steps and hand holds;
- Persons in the working platform must wear safety harnesses attached to a secure anchorage point;
- Operators must lower the platform, switch off and remove the keys before leaving the machine unattended;
- The load capacities of the machine must never be exceeded;
- Always check the safety manual before operating equipment;
- Refer to site specific safe working methods/procedures.

### Personal Protective Equipment

- Head protection;
- Hearing protection;
- Hi visibility clothing;
- Safety boots;
- Fall arrest;
- Safety glasses.

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