

# MOBILE ELEVATING WORK PLATFORMS WORKPLACE RISK ASSESSMENT

Risk assessments are a critical element of jobsite and worker safety. The risks associated with the task specific to MEWP operations must be identified before the work begins.

These might be associated with the location where the work is to be carried out, the nature of the MEWP, or the personnel, materials and equipment to be carried.

This involves visiting the location where the work is to be performed, preferably with site personnel or their representatives who can identify the hazards associated with the area and the ground on which the MEWP will be required to operate.

Once the hazards and risks involved in the task have been identified, the procedures and measures required to eliminate or mitigate them must be identified and implemented.

The risk assessment results are used to plan safe work procedures, including any contingencies required, in carrying out the identified tasks.

Rescue planning is a necessary component of a risk assessment when working at height. There are situations that require prior planning to ensure a safe and timely rescue. For more information, please refer to the Genie® Rescue Plan Overview document.

The user, which is most commonly the employer, is responsible for communicating the results of the risk assessment to everyone involved in the operation.

Before a job starts and periodically throughout a long-term job, the risk assessment must be reviewed to determine if any components of the tasks or the work environment have changed and the effect that it could have on the safety of the operation. If any modifications to the risk assessment are required, these must be communicated to everyone involved prior to resuming the job.

## PARTIAL SAMPLE OF A RISK ASSESSMENT:

Company Name: Genie, a Terex Brand Date: 02/10/2019

Jobsite Location: 6464 185th Ave, Redmond WA 98052

Primary Risk Assessor(s) Scott Owyen

Does this risk assessment replace a previous assessment?  No  Yes

If yes, date of previous assessment: \_\_\_\_\_

HAZARD	RISK	CONTROL MEASURE
Periods of high wind in the work area	Tip-Over	<ul style="list-style-type: none"> <li>Use an anemometer to determine wind speed.</li> <li>Do not operate the MEWP if wind speed or gusts are expected to exceed 28 mph.</li> </ul>
Power lines in the vicinity of the work area	Electrocution	<ul style="list-style-type: none"> <li>Review the appropriate operator's manual.</li> <li>Maintain safe distance from the power lines in accordance with the Required Clearance chart.</li> </ul>
Overhead obstructions where the MEWP needs to operate	Collision/Crushing	<ul style="list-style-type: none"> <li>Always look in the direction you are moving</li> <li>Use extreme care and slow speeds</li> <li>Wear personal protective equipment as required</li> </ul>
Some areas of the work location may exceed the maximum slope rating for the MEWP	Tip-Over	<ul style="list-style-type: none"> <li>Do not operate the MEWP on a slope that exceeds the manufacturer's recommendation.</li> <li>Elevate only on a firm, level surface.</li> <li>If alarm sounds, follow the instructions in the operator's manual to lower the MEWP safely</li> </ul>

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**Before any operation begins and during the use of the MEWP, it is critical that the user ensures that the operator performs a workplace inspection in the area in which the MEWP is to be used.**

The workplace inspection should be performed prior to moving the machine to the workplace.

The site must be walked and checked for all possible hazards, such as, but not limited to:

- Drop-offs or holes, including those concealed by water, ice, mud, etc.
- Slopes
- Bumps, floor obstructions and electric cables
- Confined spaces
- Debris
- Overhead obstructions
- Electrical conductors
- Hazardous atmospheres and/or hazardous locations
- Surfaces inadequate to sustain the ground-bearing pressures imposed by the MEWP in all operating configurations
- Wind and bad weather conditions
- Traffic hazards
- The presence of personnel (authorized and unauthorized) and other mobile equipment

An important aspect of MEWP operation is the safety of workers and the general public who can be exposed to potential hazards in the work area. Always maintain a controlled area below and around the MEWP to prevent persons and objects from being struck-by the MEWP itself or objects that may fall from the elevated platform.

When a MEWP is being loaded or unloaded from a transport vehicle on a public road, the users and operators must ensure that appropriate measures are taken to protect everyone in or near the area.

These measures may include, but are not limited to:

- Warning cones or hazard tape
- Signs and signal personnel wearing reflective clothing
- Flag personnel to warn people and other vehicles of the presence of the MEWP and the transport vehicle

**This is only an overview. Additional information can be found in the ANSI A92.24-2018 and CSA B354.7:17 Standards. We encourage you to purchase a copy of the standards and read them in their entirety prior to developing your Safe Use Plan.**

The ANSI A92.22-2018 Standards can be purchased at: <https://shop.saiaonline.org>

The CSA B354.7:17 Standards can be purchased at: <https://store.csagroup.org>

