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| 1. **INTRODUCTION TO MOBILE ELEVATED PLATFORMS**
 |
| Mobile elevated platforms are normally used for working at heights when it is not possible to build scaffolding, or when it is considered impractical (time, location, etc.). A risk analysis should identify this. |

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| 1. **EXPLANATION & RISKS**
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| 1. Definition of a mobile elevated platform:
* a work platform that can be elevated
* using a hoisting mechanism
* in an arm or scissors construction

e.g. scissor lift, self-propelled elevated platform, elevated platforms on vehicles or trailers, telescopic, vertical mast elevated platform, push around, etc. | Examples:🡪maintenance (snow, cleaning, lighting, ...) of canopies at petrol stations🡪work on monitoring cameras at a height🡪work on light fixtures at heights🡪installation of marketing items on canopies at gas stations🡪Installation/removal of signs on storage tanks🡪work on/cleaning of windows at office buildings |
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| 1. The following risks exist (description of the risks + pictograms):
* **persons falling** from the elevated platform due to sudden movement of the platform or due to the operator leaving the basket (standing on the railing)
* **pinching of persons** (or body parts) in the working platform or between the basket and other objects
* **material falling to the ground**
* **toppling of the elevated platform** (collision, sinking, wind or unbalanced)
* contact with **live parts** (e.g. power lines)
* **not managing to get away in time in the event of an emergency**
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| 1. **SAFETY REQUIREMENTS**
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| **ALWAYS:****CHECK** |
| 1. **PERSONAL PROTECTIVE EQUIPMENT**
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| 1. safety helmet with chin strap in open air
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| 1. safety shoes / boots
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| 1. harness belt, properly secured
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| 1. high visibility and weather resistant clothing
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| 1. life jacket when working on an elevated platform near water
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| 1. goggles, gloves and ear and eye protection, if required
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| 1. **PREPARING TO WORK ON AN ELEVATED PLATFORM**
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| 1. Assessment of the work (RI&E)
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| Duration, number of people on the elevated platform, whether material must be taken up, potential interference with other contractors on the site, etc. |  |
| 1. Terrain, exploration, assessment and measures for:
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| * + - underground lines and areas - marking, etc.
		- overhead lines and obstructions - removal,planning, etc.
		- overhead high-voltage line and/or telephone cables
		- carrying capacity and smoothness of the base - partitions
		- pits and trenches (and the edges thereof)
		- check the available space to move before positioning the elevated platform
		- demarcate the area and put up signs
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| 1. Weather conditions
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| * + - It is not permitted to use an elevated platform under the following conditions:
			* wind speed> 6 Beaufort (> 50 km/h)
			* severe thunderstorms
		- ensure that operators/personnel on the work platform have suitable weatherproof (cold/wet) clothing available
		- take into account that cold could have an impact on the concentration of the operators (control/monitoring requirement)
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| 1. Emergency plan
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| * + - accident scenarios for an elevated platform
		- staff instructions/training
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| **ALWAYS:****CHECK** |
| 1. **REQUIREMENTS FOR WORKING ON AN ELEVATED PLATFORM**
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| * + - > 18 years old
		- the elevated platform must only be operated by qualified personnel
		- provide clear instructions for workers on the basket
		- good communication between workers in the basket and those on the ground 🡪two-way radio needed when working higher than 25 meters
		- all workers must always be clearly visible, both on the basket and on the ground
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| 1. **ELEVATED PLATFORM PROTECTIVE EQUIPMENT**
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| 1. in explosion risk areas: spark arrestors on exhausts
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| 1. acoustic driving signal
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| 1. appropriate extinguishing equipment
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| 1. overload protection and load limiter
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| 1. roll-over protection
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| 1. emergency lowering valve
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| 1. **DOCUMENTS REQUIRED TO BE AVAILABLE**
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| 1. CE certificate
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| 1. inspection report
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| 1. instruction manual for the machine in the local language (user)
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| 1. completed vehicle logbook (inspections, checks, maintenance)
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| 1. **APPROVAL & INSPECTION OF ELEVATED PLATFORM**
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| 1. with use, daily:
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| * + - visual inspection: fluid levels, leaks, damage (tyres, ...)
		- operational inspection: ground handling, braking, emergency equipment, emergency stop, deadman's pedal, etc.
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| 1. valid periodical inspections
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| * + - conform to local legal requirements (frequency/institution)
		- hoisting equipment with baskets and hoisting vehicles used as elevated platforms must also be inspected
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| **ALWAYS: CHECK** |
| 1. **SAFETY PLATFORM USE SAFETY\***
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| 1. safe driving
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| * + - drive slowly
		- note low passages, pipes and cables
		- note pits, holes and bumps
		- maintain a sufficient distance from all obstacles
		- ensure that all other persons are a safe distance away
		- look in the driving direction when the elevated platform is being moved
		- driving up and down slopes: load must be directed towards the slope
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| 1. use the basket/working platform in a safe manner
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| * + - never overload
		- always keep in a horizontal position
		- Always keep the floor of the basket clean
		- workers must step on or off on ground level
		- only step on or off through the designated gate
		- check whether the personnel on the basket are making use of personal protective equipment used and if they are properly in place
		- secure tools and materials from falling
		- Avoid jerking movements of the basket, operation must be carefully and evenly
		- prevent electric cables, ropes or hoses getting tangled while hoisting or lowering the basket
 |  |
| 1. safe control
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| * + - switch the elevated platform off when leaving the basket
		- always park in a safe place
		- stop immediately in the event of a defect or malfunction and notify the foreman/employer
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| **\*NOTE**: for more information about baskets on hoisting equipment, see "Hoisting and Lifting" |  |
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