

## Scissor lift, Boom lift and Vehicle mounted platforms



**Scissor lift**

### Design Specifications

- Mobile lifting equipment must be certified and controlled by third before use (mini once per year).
- The mobile lifting equipment has to incorporate automatic beepers that create an audio signal during movement. In loud work environments, a visual cue such as a flashing light is also recommended.
- A guardrail system must be in place, to contain operators and passengers, along with anchor points for safety harnesses.
- Toe-boards around the floor of the platform itself and/or a tool tray must be in place to avoid tools or supplies being accidentally kicked off the platform.
- Access gates should open inward and have safety latches that prevent accidental opening.

### Safety Work Instructions

- Only workers trained in the task to be performed should be permitted in the basket or platform when it is hoisted.
- When being moved, the basket or platform must be in the lowered position to prevent them from tipping over, and all employees must be warned before the move occurs.
- Workers are not permitted to access a lift equipment unless it is placed on an approved surface. A surface must be relatively level, with no more than 3 degrees of pitch.
- Extreme caution must be taken when using mobile lifting equipment in the vicinity of overhead power lines as electrocution may result if the lift comes in contact with energized wiring.
- All controls and safety device should be checked before each use, to ensure they are working properly.
- Before entering or leaving the basket or platform ensure the basket is secured .
- Workers should keep all body parts inside the basket or platform while it is being lifted and during the work.
- Workers should wear all required PPE's and especially the personal harness should be worn and attached at all times.



**Boom lift**

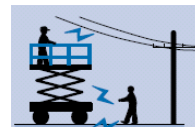
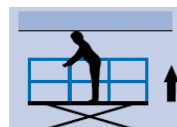
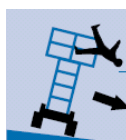


**Vehicle mounted platforms**

















































### Safety Checks

- All mobile lifting equipment has to be controlled by a checklist before each work.
- All unsafe remarks has to be resolved before starting the work.
- Regular inspections and maintenance have to be realized.

### Main risks



## Required checklist

- 


**Is there a risk assessment done taking into account the hazards coming from the elevated position and the tasks to be done?**
- 


**Is the mobile lifting equipment checklist before work filled out correctly and is the equipment operating properly?**
- 


**Is a valid mobile lifting equipment test certificate on site?**
- 


**Is the Basket or Platform checked and in safe conditions?**
- 


**Are all the different tilt sensors well working {overload (safe working load), significant incline (tip-over problem), maxi. extension height,.. }**
- 


**Do exist a manual lowering levers at the base of the machine, allowing operators to lower the platform to the ground in the event of a power or control failure?**
- 


**If YES, is it done tested and operating properly ?**
- 


**Are safety harnesses, lanyards and their accessories in good condition?**
- 


**Are all PPE as required for work worn?**
- 


**Is the demarcation to restrict access around the work area in place and adapted to the work?**
- 


**Is the work to be realized in a restricted area?**
- 


**If YES, are the needed authorizations filled out and signed**
- 


**Is a lockout to realize before the work?**
- 


**If YES, is it done following the ArcelorMittal Standard ?**
- 


**Is clear communications between the Crane Operator and the Worker in the man basket guaranteed?**
- 


**Is a standby person present all a long the work and is he well trained?**

**This document has to be used as a help before starting the work or performing a SFA**