

Risk Assessment according to AS 4024.1301

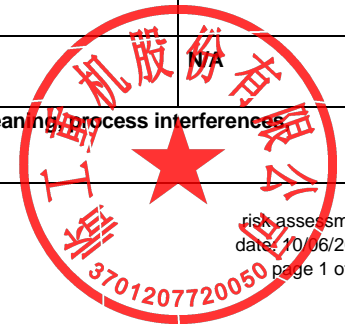
Manufacturer: Lingong Heavy Machinery Co., Ltd.
machine: Mobile Elevating Work Platforms
serial number: SC0407E, SC0610E, SC1216E

author: Lingong
date: 2025.06.10



| | | | | |
|-----|---|--|---------------|-----------------------------------|
| 1 | Determination of limits, intended use | See below | | Reference to additional documents |
| 1.1 | use allowed | The mobile elevated work platform allows users to work at a certain height | | Manual |
| 1.2 | restrictions, limits of use allowed | The machine cannot be used to other propose | | Manual |
| 1.3 | foreseeable misuse/misapplication | See AS/NZS 1418.10:2011 clause 1: scope. | | Manual |
| 2 | Field of use | See below | | |
| | private | N/A | | N/A |
| | commercial | Professional | | Manual |
| 3 | User population | Task | Qualification | |
| | qualified personnel | Required | YES | Training Evidence |
| | laities | N/A | N/A | N/A |
| | apprentices | N/A | N/A | N/A |
| | private use only: | | | |
| | children (declare age class) | <input type="checkbox"/> age above years | | N/A |
| | older people | <input type="checkbox"/> | | N/A |
| | handicapped | <input type="checkbox"/> kind of handicap | | N/A |
| 4 | Materials | See below | | |
| 4.1 | dangerous operating supplies | <input checked="" type="checkbox"/> Electricity <input checked="" type="checkbox"/> Hydraulic <input type="checkbox"/> Pneumatic <input type="checkbox"/> Thermal <input type="checkbox"/> Radiation | | Manual |
| 4.2 | Dangerous materials in the parts the machine is consisting of | The machine is not consisting of dangerous materials | | Manual |
| 4.3 | Dangerous materials which may be processed by the machine | No dangerous materials processed by the machine | | N/A |

The phases of life according to AS 4024 include: transport, assembling, installation, placing into operation, setup, teaching, programming, changeover, working process, cleaning, process interferences, troubleshooting, fault clearance, maintenance, placing out of operation, disassembling, waste disposal



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| Identification of hazards | | | | Risk evaluation | | | Risk estimation, AS 4024 or ISO 13849-1 or type I/II/III | | | | |
|---------------------------|--------------------|--------------------|------------------------|-------------------------------|-------------------------|-----------|--|---|---|----|-----------|
| Phase of life | Hazard group, type | Origin group, type | Potential consequences | occurrence or protection goal | Description of solution | Standards | S | F | P | pl | Statement |

| | | | | | | | | | | | |
|---|-------------------------------------|--|--|--|--|--|--|--|--|--|--|
| 1 | Transport, assembling, installation | | | | | | | | | | |
|---|-------------------------------------|--|--|--|--|--|--|--|--|--|--|

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| | | | | | | | | | | | |
|-----|-----------------------------------|---|--|--------------------------------------|--|---|--|--|--|--|----|
| 1.1 | Hazards associated with all tasks | <input checked="" type="checkbox"/> Errors of fitting <input checked="" type="checkbox"/> Lifting <input checked="" type="checkbox"/> Loading <input checked="" type="checkbox"/> Packing <input checked="" type="checkbox"/> Transportation <input checked="" type="checkbox"/> Unloading <input checked="" type="checkbox"/> Unpacking <input checked="" type="checkbox"/> Packing <input checked="" type="checkbox"/> Adjustments <input checked="" type="checkbox"/> Assembly <input checked="" type="checkbox"/> Connecting to disposal system (e.g. exhaust system, waste water installation) <input checked="" type="checkbox"/> Connection to power supply <input checked="" type="checkbox"/> Demonstration <input checked="" type="checkbox"/> Feeding, filling, loading of ancillary fluids (e.g. | <input checked="" type="checkbox"/> Crushing <input checked="" type="checkbox"/> Cutting or severing <input type="checkbox"/> Friction or abrasion <input checked="" type="checkbox"/> Impact <input type="checkbox"/> Injection <input checked="" type="checkbox"/> Shearing <input checked="" type="checkbox"/> Stabbing or puncture | Machine , components and accessories | <p>Inherently safe machinery design and inform users of the residual risks:</p> <p>Detail description for transportation, assembling and installation of machine are mentioned in manual.</p> | AS/NZS 1418.10:2011 and MSD as reference, | | | | | OK |
|-----|-----------------------------------|---|--|--------------------------------------|--|---|--|--|--|--|----|

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| | | lubricant, grease, glue) | | | | | | | | | |

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|-----|-----------------------------------|---|-----------|-----------|-----------|---|--|--|--|--|----|
| 1.2 | Hazards associated with all tasks | <input checked="" type="checkbox"/> Fixing, anchoring <input checked="" type="checkbox"/> Preparations for the installation (e.g. foundations, vibration isolators) <input checked="" type="checkbox"/> Running the machine without load <input checked="" type="checkbox"/> Testing <input checked="" type="checkbox"/> Trials with load or maximum load <input type="checkbox"/> Fencing | See above | See above | See above | AS/NZS 1418.10:2011 and MSD as reference, | | | | | OK |
|-----|-----------------------------------|---|-----------|-----------|-----------|---|--|--|--|--|----|

| 2 Placing into operation | | | | | | | | | | | |
|--------------------------|-----------------------------------|--------------|--------------|--------------|--------------|--------------|--|--|--|--|----|
| 2.1 | Hazards associated with all tasks | Refer to 1+3 | Refer to 1+3 | Refer to 1+3 | Refer to 1+3 | Refer to 1+3 | | | | | OK |

| 3 Setup, teaching, programming, changeover | | | | | | | | | | | |
|--|--|--|--|--|--|--|--|--|--|--|--|
|--|--|--|--|--|--|--|--|--|--|--|--|

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|-----|-----------------------------------|--|--|------------------------|--|--|--|--|--|--|----|
| 3.1 | Hazards associated with all tasks | <input checked="" type="checkbox"/> Adjustment and setting of protective devices and other components <input checked="" type="checkbox"/> Adjustment and setting or verification of functional parameters of the machine <input type="checkbox"/> Clamping /fastening the workpiece <input type="checkbox"/> Feeding, filling, loading of raw material <input checked="" type="checkbox"/> Functional test, trials <input checked="" type="checkbox"/> Mounting or changing tools, tool setting <input type="checkbox"/> programming verification <input checked="" type="checkbox"/> Verification of the final product | <input checked="" type="checkbox"/> Crushing <input checked="" type="checkbox"/> Cutting or severing <input type="checkbox"/> Friction or abrasion <input checked="" type="checkbox"/> Impact <input type="checkbox"/> Injection <input checked="" type="checkbox"/> Shearing <input checked="" type="checkbox"/> Stabbing or puncture | Machine and components | <p>Inherently safe machinery design and inform users of the residual risks:</p> <p>Refer to AS/NZS 1418.10:2011, clause 7 and manual</p> | AS/NZS 1418.10:2011 + AS 60204.1-2005(+A1) + MSD as reference, | | | | | OK |
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4 Working process

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| | | | | | | | | | | | |
|-----|--------------------|---|--|--|---|--|--|--|--|--|----|
| 4.1 | Mechanical Hazards | <input checked="" type="checkbox"/> Acceleration, deceleration (kinetic energy) <input checked="" type="checkbox"/> Angular parts <input checked="" type="checkbox"/> Approach of a moving element to a fixed part <input checked="" type="checkbox"/> Cutting parts <input checked="" type="checkbox"/> Elastic elements <input checked="" type="checkbox"/> Falling objects <input checked="" type="checkbox"/> Gravity (stored energy) <input checked="" type="checkbox"/> Height from the ground <input checked="" type="checkbox"/> High pressure <input checked="" type="checkbox"/> Machinery mobility <input checked="" type="checkbox"/> Rotating elements <input checked="" type="checkbox"/> Rough, slippery surface <input checked="" type="checkbox"/> Sharp edges | <input checked="" type="checkbox"/> Being run over <input type="checkbox"/> Being thrown <input checked="" type="checkbox"/> Crushing <input checked="" type="checkbox"/> Cutting or severing <input checked="" type="checkbox"/> Drawing-in or trapping <input checked="" type="checkbox"/> Entanglement <input checked="" type="checkbox"/> Friction or abrasion <input checked="" type="checkbox"/> Impact <input type="checkbox"/> Injection <input checked="" type="checkbox"/> Shearing <input checked="" type="checkbox"/> Slipping, tripping and falling <input checked="" type="checkbox"/> Stabbing or puncture <input type="checkbox"/> Suffocation | | <p>Inherently safe machinery design and construction, take necessary protection measures and inform users of the residual risks:</p> <p>Refer to AS/NZS 1418.10:2011, clause 7 and manual</p> | AS/NZS 1418.10:2011 + AS 60204.1-2005(+A1) | | | | | ok |
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| | | <input checked="" type="checkbox"/> Stability <input type="checkbox"/> Vacuum | | | | | | | | | |

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|-----|--------------------|--|---|---|--|--|--|--|--|--|-------------|
| 4.2 | See 4.1/4.3 | See 4.1/4.3 | See 4.1/4.3 | See 4.1/4.3 | See 4.1/4.3 | See 4.1/4.3 | | | | | See 4.1/4.3 |
| 4.3 | Electrical Hazards | <input type="checkbox"/> Arc <input type="checkbox"/> Electromagnetic phenomena <input checked="" type="checkbox"/> Electrostatic phenomena <input checked="" type="checkbox"/> Live parts <input type="checkbox"/> Not enough distance to live parts under high voltage <input checked="" type="checkbox"/> Overload <input checked="" type="checkbox"/> Parts which have become live under fault conditions <input checked="" type="checkbox"/> Short-circuit <input type="checkbox"/> Thermal radiation | <input checked="" type="checkbox"/> Burn <input type="checkbox"/> Chemical effects <input type="checkbox"/> Effects on medical implants <input checked="" type="checkbox"/> Electrocutation <input checked="" type="checkbox"/> Falling, being thrown <input checked="" type="checkbox"/> Fire <input type="checkbox"/> Projection of molten particles <input checked="" type="checkbox"/> Shock | Any risk related to electrical fault will be checked automatically and view check according to manual | Inherently safe machinery design and construction: Refer to AS/NZS 1418.10:2011 + AS 60204.1-2005(+A1) No electronic circuit for safety circuit | AS/NZS 1418.10:2011 + AS 60204.1-2005(+A1) as reference, | | | | | See 4.1 |

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| 4.4 | Thermal Hazards | <input type="checkbox"/> Explosion <input type="checkbox"/> Flame <input type="checkbox"/> Objects or materials with a high or low temperature <input type="checkbox"/> Radiation from heat sources | <input type="checkbox"/> Bun <input type="checkbox"/> Dehydration <input type="checkbox"/> Discomfort <input type="checkbox"/> Frostbite <input type="checkbox"/> Injuries by the radiation of heat sources <input type="checkbox"/> Scald | Not relevant | Not relevant | N/A | | | | | N/A |

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|-----|---------------|--|---|--------------------|--|-------------------------|--|--|--|--|----|
| 4.5 | Noise hazards | <input type="checkbox"/> Cavitation phenomena <input type="checkbox"/> Exhausting system <input type="checkbox"/> Gas leaking at high speed <input checked="" type="checkbox"/> Manufacturing process (stamping, cutting etc) <input checked="" type="checkbox"/> Moving parts <input type="checkbox"/> Scraping surfaces <input type="checkbox"/> Unbalanced rotating parts <input type="checkbox"/> Whisting pneumatics <input checked="" type="checkbox"/> Worn parts | <input checked="" type="checkbox"/> Discomfort <input type="checkbox"/> Loss of awareness <input type="checkbox"/> Loss of balance <input type="checkbox"/> Permanent hearing loss <input checked="" type="checkbox"/> Stress <input type="checkbox"/> Tinnitus <input type="checkbox"/> Tiredness <input type="checkbox"/> Any other (e.g. mechanical, electrical) as a consequence of an interference with speech communication or with acoustic signals | Refer to comments. | Inform users of the residual risks: The manual has indicated the sound pressure level below 70dB | AS/NZS 1418.10:2011+MSD | | | | | OK |
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| 4.6 | Vibration Hazards | <input type="checkbox"/> Cavitation phenomena <input checked="" type="checkbox"/> Misalignment of moving parts <input checked="" type="checkbox"/> Mobile equipment <input type="checkbox"/> Scraping surfaces <input type="checkbox"/> Unbalanced rotating parts <input type="checkbox"/> Vibrating equipment <input checked="" type="checkbox"/> Worn parts | <input checked="" type="checkbox"/> Discomfort <input type="checkbox"/> Low-back morbidity <input type="checkbox"/> Neurological disorder <input type="checkbox"/> Osteo-articular disorder <input type="checkbox"/> Trauma of the spine <input type="checkbox"/> Vascular disorder | Vibration will neither make the passenger uncomfortable nor damage the structure | Inherently safe machinery design protects the vibration from discomforting passengers and from damaging the structure. Dynamic load test performed and found satisfactory | AS/NZS 1418.10:2011 | | | | | OK |

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| 4.7 | Radiation Hazards | <input type="checkbox"/> Lionising radiation source <input type="checkbox"/> Low frequency electromagnetic radiation <input type="checkbox"/> Optical radiation (infrared, visible and ultraviolet), including laser <input type="checkbox"/> Radio frequency electromagnetic radiation | <input type="checkbox"/> Burn <input type="checkbox"/> Damage to eyes and skin <input type="checkbox"/> Effects on reproductive capability <input type="checkbox"/> Genetic mutation <input type="checkbox"/> Headache, insomnia, etc. | Not relevant | Not relevant | N/A | | | | | N/A |

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|-----|-----------------------------------|---|---|--------------|--------------|-----|--|--|--|--|-----|
| 4.8 | Material/ substance hazards | <input type="checkbox"/> Aerosol <input type="checkbox"/> Biological and microbiological (viral or bacterial) agent <input type="checkbox"/> Combustible <input type="checkbox"/> Dust <input type="checkbox"/> Explosive <input type="checkbox"/> Fibre <input type="checkbox"/> Flammable <input checked="" type="checkbox"/> Fluid <input type="checkbox"/> Fume <input type="checkbox"/> Gas <input type="checkbox"/> Mist <input type="checkbox"/> Oxidizer | <input type="checkbox"/> Breathing difficulties, suffocation <input type="checkbox"/> Cancer <input type="checkbox"/> Corrosion <input type="checkbox"/> Effects on reproductive capability <input checked="" type="checkbox"/> Fire <input type="checkbox"/> Infection <input type="checkbox"/> Mutation <input type="checkbox"/> Poisoning <input type="checkbox"/> Sensitization <input type="checkbox"/> Static electricity risk | Not relevant | Not relevant | N/A | | | | | N/A |
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| | | | | | | | | | | | |
|-----|-------------------|--|---|--|----------------------------------|-----------------------------------|--|--|--|--|----|
| 4.9 | Ergonomic hazards | <input checked="" type="checkbox"/> Access <input type="checkbox"/> Disign or location of indicators and visual displays units <input checked="" type="checkbox"/> Design, location or identification of control devices <input type="checkbox"/> Effort <input type="checkbox"/> Flicker, dazzling, shadow, stroboscopic effect <input type="checkbox"/> Local lighting <input type="checkbox"/> Mental overload/underload <input type="checkbox"/> Posture <input type="checkbox"/> Repetitive activity <input type="checkbox"/> Visibility | <input checked="" type="checkbox"/> Discomfort <input type="checkbox"/> Fatigue <input type="checkbox"/> Musculoskeletal disorder <input type="checkbox"/> Stress <input type="checkbox"/> Any other (e.g.mechanical, electrical) as a consequence of human error | The position of control device need to be taken into account The access means need to be taken into account | Inherently safe machinery design | AS/NZS 1418.10:2011 as reference, | | | | | OK |
|-----|-------------------|--|---|--|----------------------------------|-----------------------------------|--|--|--|--|----|

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| 4.10 | Hazards associated with environment in which the machine is used | <input checked="" type="checkbox"/> Dust and fog <input checked="" type="checkbox"/> Electromagnetic disturbance <input checked="" type="checkbox"/> Lighting <input type="checkbox"/> Moisture <input checked="" type="checkbox"/> Pollution <input checked="" type="checkbox"/> Snow <input checked="" type="checkbox"/> Temperature <input checked="" type="checkbox"/> Water <input checked="" type="checkbox"/> Wind <input type="checkbox"/> Lack of oxygen | <input type="checkbox"/> Burn <input type="checkbox"/> Slight disease <input checked="" type="checkbox"/> Slipping, falling <input type="checkbox"/> Suffocation <input checked="" type="checkbox"/> Any other as a consequence of the effect caused by the sources of the hazards on the machine or parts of the machine | Working condition and EMC need to be considered | Inherently safe machinery design and construction and inform users of the residual risks: 1.2204/108/EEC addressed 2. Lighting for the control panel is provided and the lighting for access is indicated in the manual 3. Snow, wind loads are considered in the design and structural calculation 4. Ambient temperature is defined in the manual 5. All electric parts are protected by the enclosure with enough IP degree according to AS/NZS 1418.10:2011 | AS/NZS 1418.10:2011 + MSD as reference, | | | | | OK |
| 4.11 | Combination of hazards | <input type="checkbox"/> E.g.repetitive activity + effort + high environmental temperature | <input type="checkbox"/> E.g. dehydration, loss of awareness, heat stroke | Not relevant | Not relevant | N/A | | | | | N/A |

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|------|------------------------------------|--|---|--|--|--|--|--|--|--|----|
| 4.12 | Energy loss ,breaking down hazards | <input checked="" type="checkbox"/> Failure of energy supply (incl. control circuits) <input checked="" type="checkbox"/> Unexpected ejection of machine parts or fluid <input type="checkbox"/> Errors of fitting | <input type="checkbox"/> Being thrown <input checked="" type="checkbox"/> Cutting or severing <input checked="" type="checkbox"/> Drawing-in or trapping <input type="checkbox"/> Entanglement <input checked="" type="checkbox"/> Friction or abrasion <input checked="" type="checkbox"/> Impact <input type="checkbox"/> Injection <input checked="" type="checkbox"/> Shearing <input checked="" type="checkbox"/> Slipping, tripping and falling <input checked="" type="checkbox"/> Stabbing or puncture <input type="checkbox"/> Suffocation | All risk related to unexpected starting or energy loss need to be taken into account | Inherently safe machinery design and construction, take necessary protection measures: 1. Brakes and cut-off valves are designed to be engaged as soon as the power losses, preventing the lift from falling. | AS/NZS 1418.10:2011 + AS 60204.1-2005(+A1) + MSD as reference, | | | | | OK |
|------|------------------------------------|--|---|--|--|--|--|--|--|--|----|

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|---|---|-------------------------------------|---|
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|-------------------|-----------------------------------|--|---|--------------------------------------|---|---|--|--|--|--|----|
| 5 Cleaning | | | | | | | | | | | |
| 5.1 | Hazards associated with all tasks | <input checked="" type="checkbox"/> Adjustments <input type="checkbox"/> Cleaning, disinfection <input type="checkbox"/> Dismantling /removal of parts, components, devices of the machine <input type="checkbox"/> Housekeeping <input checked="" type="checkbox"/> Isolation end energy dissipation <input checked="" type="checkbox"/> Lubrication <input checked="" type="checkbox"/> Replacement of worn parts <input type="checkbox"/> Resetting <input type="checkbox"/> Restoring fluid levels <input type="checkbox"/> Verification of parts, components, devices of the machine | <input checked="" type="checkbox"/> Crushing <input checked="" type="checkbox"/> Cutting or severing <input checked="" type="checkbox"/> Friction or abrasion <input checked="" type="checkbox"/> Impact <input type="checkbox"/> Injection <input checked="" type="checkbox"/> Shearing <input checked="" type="checkbox"/> Stabbing or puncture | Machine , components and accessories | Inherently safe machinery design and inform users of the residual risks: Refer to AS/NZS 1418.10:2011 and manual | AS/NZS 1418.10:2011 + MSD as reference, | | | | | OK |

6 Process interferences, troubleshooting, fault clearance

Risk Assessment according to AS 4024.1301

Manufacturer: Lingong Heavy Machinery Co., Ltd.
 machine: Mobile Elevating Work Platforms
 serial number: SC0407E, SC0610E, SC1216E

author: Lingong
 date: 2025.06.10



| Identification of hazards | | | | Risk evaluation | | | Risk estimation, AS 4024 or ISO 13849-1 or type I/II/III | | | | |
|---------------------------|--------------------|--------------------|------------------------|-------------------------------|-------------------------|-----------|--|---|---|----|-----------|
| Phase of life | Hazard group, type | Origin group, type | Potential consequences | occurrence or protection goal | Description of solution | Standards | S | F | P | pl | Statement |

| | | | | | | | | | | | |
|-----|-----------------------------------|---|--|--------------------------------------|---|--|--|--|--|--|----|
| 6.1 | Hazards associated with all tasks | <input checked="" type="checkbox"/> Adjustments <input checked="" type="checkbox"/> Dismantling /removal of parts, components, devices of the machine <input checked="" type="checkbox"/> Faultfinding <input checked="" type="checkbox"/> Isolation end energy dissipation <input checked="" type="checkbox"/> Recovering from control and protective devices failure <input type="checkbox"/> Recovering from jam <input checked="" type="checkbox"/> Repairing <input checked="" type="checkbox"/> Replacement of parts, components, devices of the machine <input checked="" type="checkbox"/> Rescue of trapped persons <input checked="" type="checkbox"/> Resetting | <input checked="" type="checkbox"/> Crushing <input checked="" type="checkbox"/> Cutting or severing <input type="checkbox"/> Friction or abrasion <input checked="" type="checkbox"/> Impact <input type="checkbox"/> Injection <input checked="" type="checkbox"/> Shearing <input checked="" type="checkbox"/> Stabbing or puncture | Machine , components and accessories | <p>Inherently safe machinery design and inform users of the residual risks:</p> <p>Refer to AS/NZS 1418.10:2011 clause 5 and manual</p> | AS/NZS 1418.10:2011+ AS 60204.1-2005(+A1) + MSD as reference | | | | | OK |
|-----|-----------------------------------|---|--|--------------------------------------|---|--|--|--|--|--|----|


Risk Assessment according to AS 4024.1301

Manufacturer: Lingong Heavy Machinery Co., Ltd.
 machine: Mobile Elevating Work Platforms
 serial number: SC0407E, SC0610E, SC1216E

author: Lingong
 date: 2025.06.10



| Identification of hazards | | | | Risk evaluation | | | Risk estimation, AS 4024 or ISO 13849-1 or type I/II/III | | | | |
|---------------------------|--------------------|---|------------------------|-------------------------------|-------------------------|-----------|--|---|---|----|-----------|
| Phase of life | Hazard group, type | Origin group, type | Potential consequences | occurrence or protection goal | Description of solution | Standards | S | F | P | pl | Statement |
| | | <input checked="" type="checkbox"/> Verification of parts, components, devices of the machine | | | | | | | | | |

| Risk Assessment according to AS 4024.1301 | | | | Manufacturer: Lingong Heavy Machinery Co., Ltd. machine: Mobile Elevating Work Platforms serial number: SC0407E, SC0610E, SC1216E | | | author: Lingong date: 2025.06.10 | |  | | |
|--|--------------------|--------------------|------------------------|---|-------------------------|-----------|-------------------------------------|--|---|----|-----------|
| Identification of hazards | | | | Risk evaluation | | | | Risk estimation, AS 4024 or ISO 13849-1 or type I/II/III | | | |
| Phase of life | Hazard group, type | Origin group, type | Potential consequences | occurrence or protection goal | Description of solution | Standards | S | F | P | pl | Statement |

| 7 Maintenance | | | | | | | | | | | | |
|---------------|-----------------------------------|---|---|--------------------------------------|---|----------------------------------|--|--|--|--|--|----|
| 7.1 | Hazards associated with all tasks | <input checked="" type="checkbox"/> Adjustments <input type="checkbox"/> Cleaning, disinfection <input checked="" type="checkbox"/> Dismantling /removal of parts, components, devices of the machine <input type="checkbox"/> Housekeeping <input checked="" type="checkbox"/> Isolation end energy dissipation <input checked="" type="checkbox"/> Lubrication <input checked="" type="checkbox"/> Replacement of worn parts <input checked="" type="checkbox"/> Resetting <input type="checkbox"/> Restoring fluid levels <input checked="" type="checkbox"/> Verification of parts, components, devices of the machine | <input type="checkbox"/> Crushing <input checked="" type="checkbox"/> Cutting or severing <input type="checkbox"/> Friction or abrasion <input checked="" type="checkbox"/> Impact <input type="checkbox"/> Injection <input checked="" type="checkbox"/> Shearing <input checked="" type="checkbox"/> Stabbing or puncture | Machine , components and accessories | Inherently safe machinery design and inform users of the residual risks: Refer to AS/NZS 1418.10:2011 clause 7 | AS/NZS 1418.10:2011 as reference | | | | | | OK |

Risk Assessment according to AS 4024.1301

Manufacturer: Lingong Heavy Machinery Co., Ltd.
 machine: Mobile Elevating Work Platforms
 serial number: SC0407E, SC0610E, SC1216E

author: Lingong
 date: 2025.06.10



| Identification of hazards | | | | Risk evaluation | | | Risk estimation, AS 4024 or ISO 13849-1 or type I/II/III | | | | |
|---------------------------|--------------------|--------------------|------------------------|-------------------------------|-------------------------|-----------|--|---|---|----|-----------|
| Phase of life | Hazard group, type | Origin group, type | Potential consequences | occurrence or protection goal | Description of solution | Standards | S | F | P | pl | Statement |

| 8 Placing out of operation, disassembling, waste disposal | | | | | | | | | | | |
|---|-----------------------------------|---|---|--------------------------------------|--|----------------------------------|--|--|--|--|----|
| 8.1 | Hazards associated with all tasks | <input checked="" type="checkbox"/> Disconnection and energy dissipation <input checked="" type="checkbox"/> Dismantling <input checked="" type="checkbox"/> Lifting <input checked="" type="checkbox"/> Loading <input checked="" type="checkbox"/> Packing <input checked="" type="checkbox"/> Transportation <input checked="" type="checkbox"/> Unloading | <input type="checkbox"/> Crushing <input checked="" type="checkbox"/> Cutting or severing <input type="checkbox"/> Friction or abrasion <input checked="" type="checkbox"/> Impact <input type="checkbox"/> Injection <input checked="" type="checkbox"/> Shearing <input checked="" type="checkbox"/> Stabbing or puncture | Machine , components and accessories | Inherently safe machinery design and inform users of the residual risks: Refer to AS/NZS 1418.10:2011 | AS/NZS 1418.10:2011 as reference | | | | | OK |