

KONE SOLUTIONS FOR ELEVATOR MODERNIZATION

Hong Kong, packed with high-rise buildings, elevators have already played an important role for vertical transportation. Yet, there is a great amount of existing lifts which has worked for over 20 years, mechanical parts become wear and tear, safety equipment failed to catch up with the prevalent safety standard under the existing legislation. If the equipment is found with frequent breakdowns and downgrading of performance, elevator modernization will be a perfect choice for you.

By following the “Guidelines for Modernizing Existing Lifts” from EMSD, we provide different modernization solutions, bringing the existing elevators up to prevalent safety standard, protecting the facility management and passengers at the same time.

UNINTENDED CAR MOVEMENT PROTECTION (UCMP)

The old elevators are missing the proactive safety protection device and this is the reason why UCMP being so important for them.

UCMP is composed of additional components and structural modifications, avoiding the accidents caused by unintended car movement during the door is opened. For example:

- The car moves when the car door is not closed, or;
- The landing door is not locked

When the brakes of the elevators fail, gear damages or cable cuts etc, UCMP will stop the lift to ensure the passengers' safety.

ASCENDING CAR OVERSPEED PROTECTION (ACOP)

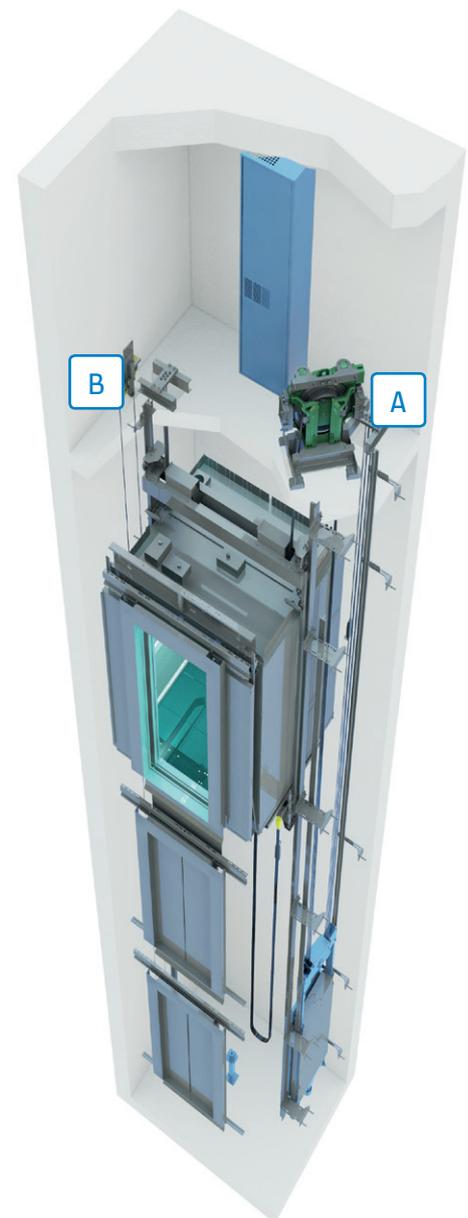
ACOP is composed of components replacement, avoiding the overspeed of ascending car and reduce the chance of collision with the top of lift shaft. Together with UCMP, it can further improve the safety and protect the passengers.

FUNDING SCHEMES FOR ELEVATOR MODERNIZATION

Schemes provided by the government and public utilities, including:

- CLP Eco Building Fund
- HK Electric Smart Power Fund
- Integrated Building Maintenance Assistance Scheme
- Building Safety Loan Scheme
- Building Maintenance Grant Scheme for Elderly Owners

For more information, scan the QR Code, browse the webpage of "Lift Modernization Resource Corner" provided by EMSD.



A

Unintended Car Movement Protection

B

Ascending Car Overspeed Protection

Modernization for aged elevators has reached an alarming stage and demands our imminent concern. In addition to the installation of UCMP, together with ACOP, it can be upgraded to the prevalent safety standard, providing the best protection for the passengers.

KONE provides innovative and eco-efficient solutions for elevators, escalators, automatic building doors and the systems that integrate them with today's intelligent buildings.

We support our customers every step of the way; from design, manufacturing and installation to maintenance and modernization. KONE is a global leader in helping our customers manage the smooth flow of people and goods throughout their buildings.

Our commitment to customers is present in all KONE solutions. This makes us a reliable partner throughout the life cycle of the building. We challenge the conventional wisdom of the industry. We are fast, flexible, and we have a well-deserved reputation as a technology leader, with such innovations as KONE MonoSpace®, KONE NanoSpace™ and KONE UltraRope®.

KONE employs more than 55,000 dedicated experts to serve you globally and locally.

[KONE Elevator \(HK\) Ltd](#)

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