



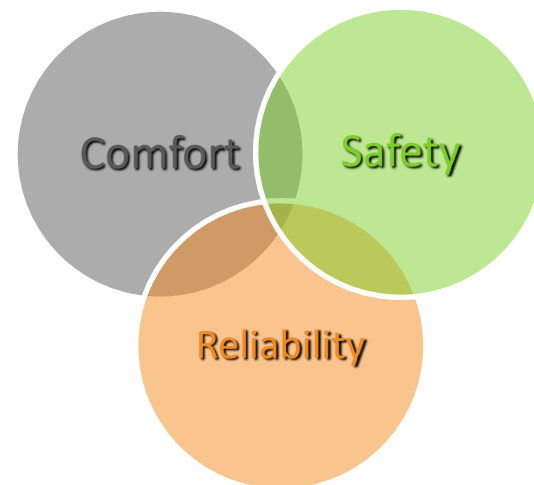
Guidelines for Modernising Existing Lifts



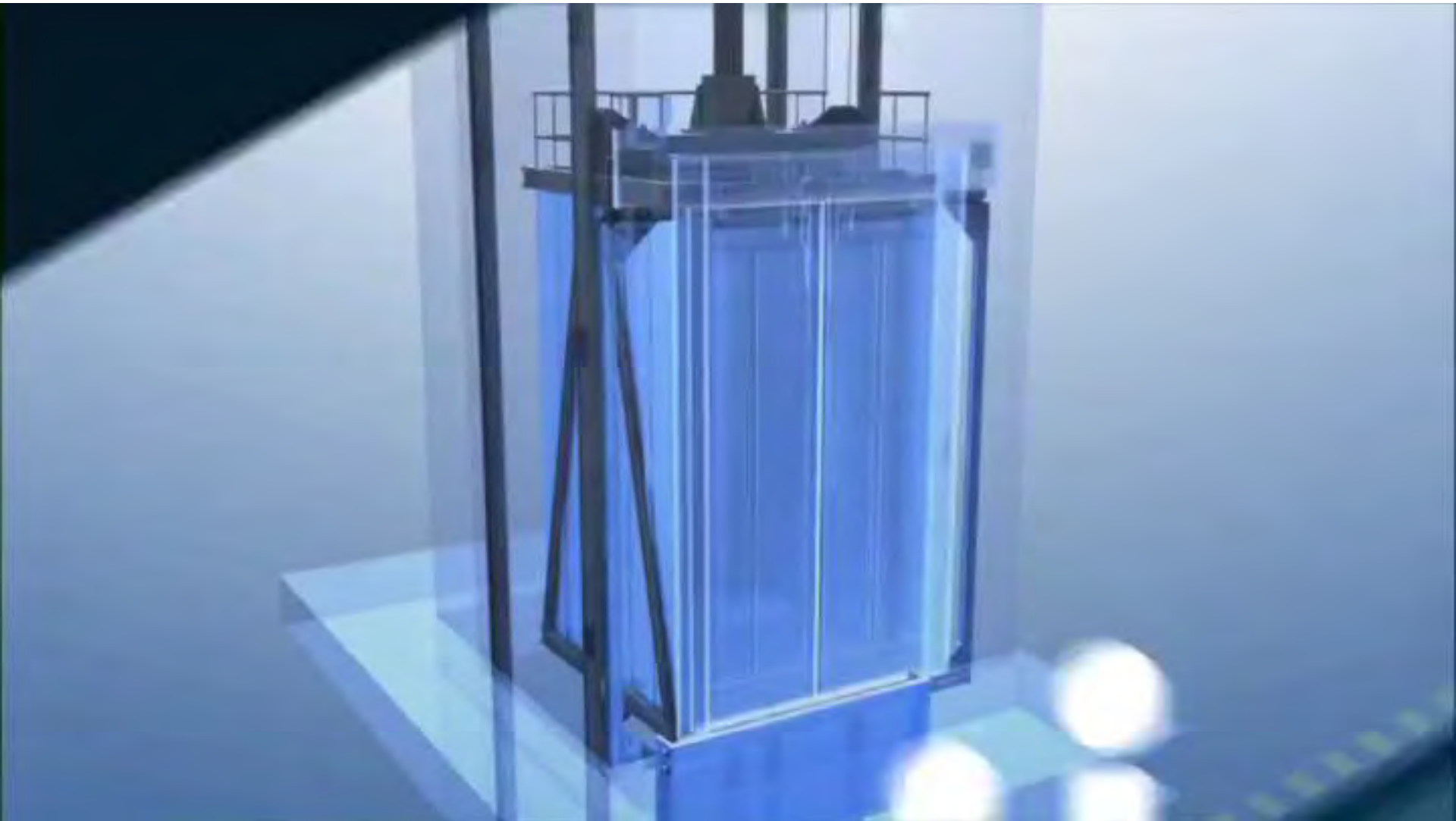
Electrical and Mechanical Services Department -
General Legislation Division

Guidelines for Modernising Existing Lifts

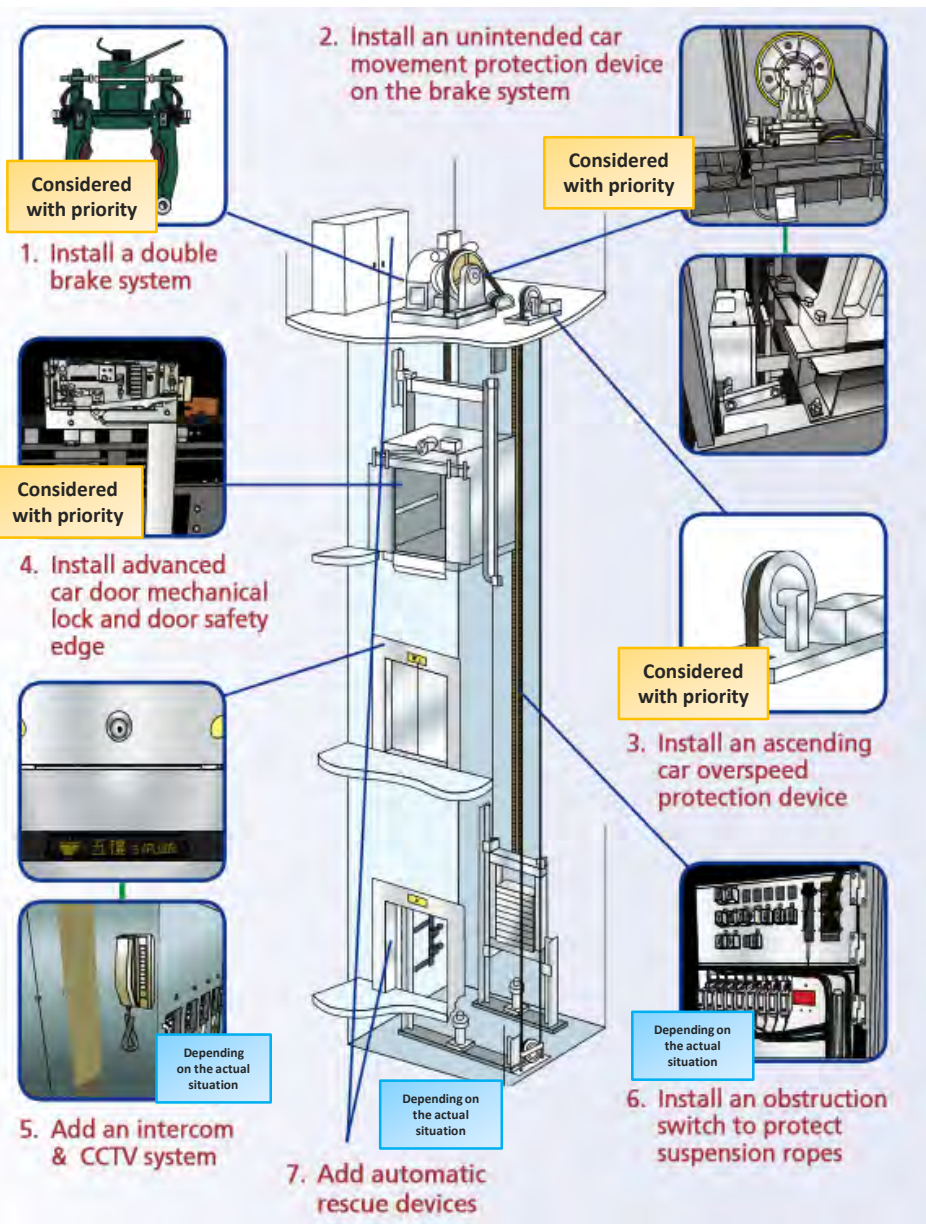
- Lift is an important mode of transport which we use every day in Hong Kong, a city with a high density of tall buildings.
- Frequent use leads to wear and tear of lift parts which is inevitable.
- Aged lifts were installed in earlier times according to the old design and safety standards. With rapid technological advancements in recent years, modern lifts are equipped with more comprehensive safety devices than the aged ones.
- These Guidelines aim to help responsible persons for implementing lift modernisation solutions to make their existing lifts safer, more reliable and comfortable.



Basic Safety Equipment in Lifts



Applicable Solutions for Enhancing Requirements of Existing Lifts



Next steps for Responsible Persons for Lifts

- Responsible persons of aged lifts are recommended to consider the following enhancement solutions :
 - Modernisation of the existing lifts according to EMSD's guidelines
 - Total replacement of the existing lifts to bring them up to the prevailing safety standard.
- Responsible persons can consult their engineering consultant or registered lift contractor on the technical feasibility of the enhancement solutions.

Funding Assistance for Modernising Existing Lifts

- Government Funding Schemes
 - Lift Modernisation Subsidy Scheme (administered by Urban Renewal Authority)
 - Integrated Building Rehabilitation Assistance Scheme (administered by Urban Renewal Authority)
 - Building Maintenance Grant Scheme for Elderly Owners (administered by Hong Kong Housing Society)
 - Building Safety Loan Scheme (administered by Building Department)
- Other Relevant Funding Schemes
 - The CLP Eco Building Fund (administered by CLP Power Hong Kong Limited)
 - HK Electric Smart Power Building Fund (administered by The Hong Kong Electric Co., Ltd.)

Lift Modernisation Resource Corner



Lift/Escalator Modernisation Resource Corner

Why Modernising Existing Lifts/Escalators

The dates of installation of lifts/escalators in Hong Kong span decades, with each lift/escalator equipping technology appropriate at the time of installation. Nevertheless, rapid technology advancement in recent years means that room for enhancement, with respect to safety, reliability and traveling comfort, exists for aged lifts/escalators. By virtue of various modernization solutions, the safety, reliability and traveling comfort levels of aged lifts/escalators can be brought to those of the prevailing standard.

Duties of Responsible Persons for Lifts/Escalators

Where major alteration/modernisation works are required to be carried out, RPs shall employ a registered lift/escalator contractor to carry out the works for their lift/escalator. Upon completion of major alteration/modernisation works, RPs shall arrange a registered lift/escalator engineer to examine the lift/escalator before resuming its normal use and operation.

Tips for Modernising Existing Lifts/Escalators

RP's should consider factors such as spatial restrictions, technical feasibility and cost implications before deciding on whether to replace major components of existing lifts/escalators, or install new safety equipment according to EMSD's guidelines. RP's could also consider total replacement of existing lifts/escalators to bring the lifts/escalators up to the prevalent safety standard.

https://www.emsd.gov.hk/en/lifts_and_escalators_safety/responsible_persons_corner/lift_modernisation_resource_corner/index.html





Thank you!