



Standard Inspection

Elevators, Escalators, Travelators & Car-Parking Systems

Introduction

PAPL Corp is an accredited inspection body in compliance with ISO/IEC 17020:2012 in the exclusive domain of Elevators, Escalators, Travelators and Car parking Systems.

We provide comprehensive coded inspection services that are precise and in line with the latest standards, codes and regulatory requirements. Our engineers are well trained and can handle inspections of all scales.

VHT equipment are life lines of most buildings and it is important to ensure their safety and compliance in order to provide a safe, reliable and efficient VHT systems in the building for movement of both men & materials.

What happens in an Inspection?

Inspection is a systematic and detailed inspection of the Elevators, Escalators, Travelators & Car-Parking Systems and all its associated equipment by a competent inspector to detect non conformities to standards and codes that may pose a risk for the users or occupants of the building in which the equipment has been installed. Its aim is to detect and record snags for the purpose of rectification by the service company as well as provide status of the components that are not visible or identifiable by the party that has commissioned the inspection.

The extent of the inspection is governed by the codes and the Inspector will verify compliance, assess risks considering factors such as the application of the equipment, frequency of usage and condition, the weight of loads to be carried, etc.

The inspector may decide to include some testing, if necessary based on relevant standards. Inspections are visual in nature and include functional checks by a third-party inspector along with tests that the inspector may consider necessary.

Inspection includes the following:

- Emergency & Safety features
- Pit & Pit Components
- Cabin, Hoistway & Car Top
- Floor Landings

- Machine Room & Machine Room Components
- Building related

More exhaustive and detailed list can be found in the relevant codes & standards.

Selecting a Competent Inspector

A competent inspector is someone who has sufficient technical and practical knowledge of the VHT equipment to be able to detect any defects and assess how significant they are. It is also important that the competent person is sufficiently **independent and impartial** to allow them to make an objective assessment of the equipment. For this reason, it is not advisable for the same person who performs routine maintenance or anyone who is part of the team that is directly responsible for the equipment to carry out the inspection, as they are then responsible for assessing their own work. You can approach an inspection body to conduct the inspection and you should ensure that they understand your requirement and have expertise in inspection of Elevators, Escalators, Travelators & Car-Parking Systems. Accreditation by the National Accreditation Board for Certifying Bodies (NABCB) to the relevant standard (ISO/IEC 17020:2004) is an indication of the competence of an inspection body.

How to decide if inspection is required?

An inspection may be required:

- after substantial and significant changes have been made to the equipment;
- in buildings where there are frequent equipment breakdowns;
- where the maintenance process is suspect;
- where the equipment are put to extensive use;
- following 'exceptional circumstances' such as damage to, or failure of, the equipment, long periods out of use or a major change in operating conditions which is likely to affect the integrity of the equipment;

Inspection Frequency

This inspection may be planned in intervals of once in a year.

Action following notification of defects

The inspector is legally required to notify you immediately, through a report of key observations, following an inspection, of any defects which are, or could soon become, dangerous.

The inspector will issue a shutdown notice to notify you of a serious and significant defect of high safety risk and you should immediately take the lift out of service until the fault has been addressed. If you do not take the lift out of operation you will be in breach of the law since you will be putting to danger many lives.

The Inspector may also notify you of defects which need to be made good within a certain timescale. In this case, you should take steps to have the defective equipment repaired or replaced within the specified time, and not use the lift after that time unless the defect has been satisfactorily remedied.

Documentation

The inspector is legally required to send you a written and signed report of the inspection report as soon as practicable. This should normally be within 28 days, but if there is a serious defect which needs to be addressed you should expect to receive the report much sooner.

The detailed report will contain key observations supported with photographs and should in general:

- identify the equipment examined (serial number, make, etc), the employer and the premises;
- give details of the persons present during the inspection;
- provide brief specifications of the equipment inspected;
- give Performance rating on a 100 point scale;
- contain the condition of all emergency features;
- give details of the measurement tools used and their calibration;
- identify any defect which is or may become a danger to people;
- give the details of any repair, replacement or alteration required to remedy the defect;
- give details of any tests carried out;
- give details of the person carrying out the report and the person validating the report on their behalf;
- Upon fulfilment of qualifying criteria, the inspector shall issue a certificate of inspection and place a sticker in the unit signifying that the equipment has been inspected.

If the report does not contain all the information above, you should not accept it as this may not be a sincere effort and may not address the purpose.

Complaints & Appeals

It is very important that any inspection body should have adequate channels open and process specified to address customer/ client complaints. The complaints and appeals process must be clearly made public through their website and the issues should be sorted out in line with the specified process.

What services can PAPL Corp provide?

PAPL Corp can provide an independent inspection of your Elevators, Escalators, Travelators & Car-Parking Systems.

Partnering with PAPL Corp ensures that, as a Building Owner or persons responsible for the VHT Equipment you are:

- Ensuring users and workers the safe provision and use of the equipment.
- Ensuring that the lift is examined in accordance with standards by a competent third party inspector.
- Acting promptly to identify and remedy any defects ensuring your equipment is safe to use.
- Ensuring that all documentation complies with the Regulations and record keeping.

- Ensuring the involvement of a highly skilled and experienced team.
- Digital reporting of the Inspection results.

Why choose PAPL Corp for your Inspections?

- We operate all India which means we can provide unrivalled responsiveness.
- All our engineers/ inspectors have relevant Inspection experience and are highly skilled and trained, which means you can have complete confidence in the thoroughness of our inspection process and the accuracy of our subsequent report.
- Our dedicated engineers/ Inspectors have conducted Inspections across all sectors of the built environment, which means we can ensure your equipment is compliant, safe and fit for purpose, regardless of its operating environment.
- We are specialists in the VHT Domain that covers Elevators, Escalators, Travelators & Car-Parking Systems. Our expertise is exclusive and are a leading testing, inspecting and certification company, you can rest assured you are engaging with the industry experts.
- We are an accredited inspection body, accredited to comply with ISO/IEC 17020:2012 which is an indication of our competence as an inspection body.

Further information

If you need further details or need our services, please write to us at info@paplcorp.com or call us at +919884507535 and we will be happy to assist you.