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Vertical transportation consultancy services

Overview

It's important to ensure that the movement of people in any form of vertical transportation is as safe as possible. Detailed examinations of these installations help to ensure that this remains the case.

As well as meeting the requirements of the Lifting Operations and Lifting Equipment Regulations (LOLER) 1998, owners and operators of these installations must show evidence of maintenance under the Provision and Use of Work Equipment Regulations (PUWER) 1998. Failure to ensure that installations are safe could lead to risk and injury to users and potential prosecutions of breach of regulations.

How we can help?

We offer vertical transportation consultancy services through our experienced in-house engineering specialists. They can visit your

business to conduct thorough and comprehensive inspections tailored to individual needs.

Our vertical transportation engineers will work closely with you to ensure all relevant risks are correctly identified and offer solutions to problems with all types of vertical installations and other installed access equipment to help you reduce your risk exposure.

Types of service offered

We offer a wide range of standard services and can tailor bespoke services to suit your needs:

- **ATP (authority to proceed) witness testing (lift installations)** we offer three types of tests:
 - ATP1 conducted upon completion of the guide rail installation to check alignment, specification and installation quality



We offer independent and impartial full lifecycle support services from pre-handover inspections to maintenance audits and management.

Peter Milton

Chief Engineer,
Allianz Engineering
Inspection Services.

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- ATP2 conducted once the landing entrances have been fitted with a similar scope to ATP1
 - ATP3 conducted upon completion of the lift installation. This involves a comprehensive review of the lift, witnessing a number of the key tests completed, inspecting all aspects of the lift from the machine room to lift pit along with scrutiny of the technical dossier.
 - **First Thorough Examination (LOLER 9.2) of Installed Access Equipment and Rope Access systems.** Appointed at the design stage, we can offer advice on the application of the requirements of LOLER, to include design review, inspection and document hidden parts, such as access equipment track hold units prior to casting in concrete, bolted/ welded connections prior to weatherproofing, witness of installers commissioning checks and load testing, providing documentation as part of the equipment technical file.
 - **Pre-handover inspections (all vertical transportation installations)** involves a comprehensive and thorough inspection of the vertical transportation installation prior to handover. A review of the key specifications and elements, along with an assessment of the workmanship, safety devices and scrutiny of the technical dossier will also form part of the process.
 - **End of defect inspections (all vertical transportation installations)** typically conducted around the 11-month anniversary of the completion of the vertical transportation installation. The purpose is to review the remedial actions taken after a pre-handover inspection, along with the service history of the lift and the service ability during its initial use, before the warranty period expires.
 - **Witness test and snagging**
This inspection takes place during the final testing of a lift installation.
- All critical safety tests are witnessed and a snagging report is provided of all outstanding items that require attention before the lift can go into service.
- **De-snag inspections (all vertical transportation installations)** we review the findings of any of our reports, comment on the completion and will consider, where applicable, any items that may have been raised during the completion of remedial works.
- Whilst specialising in new build/ refurbishment projects, we may be able to assist in other ways and welcome any other vertical transportation related enquiries.
- Full scope for all the above inspections is available upon request.



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When should you use this service?

- For independent inspections of new or refurbished vertical transportation installations prior to acceptance from the installation contractor and just prior to the end of the defect liability period.
- If you require technical expertise to assist in the management of your vertical transportation installations, including passenger/goods lifts, escalators and installed access equipment.

Other regulations or guidance to consider

- Lifting Operations and Lifting Equipment Regulations (LOLER) 1998
- Provision and Use of Work Equipment Regulations (PUWER) 1998
- SAFed Guidelines on Escalators and Moving Walks.

We also offer

In addition to our vertical transportation consultancy services, we offer comprehensive inspection and consultancy services relating to:

- **Control of Major Accident Hazards Regulations (COMAH)** - regulations that aim to prevent and mitigate the effects of major accidents involving dangerous substances, which can cause serious damage or harm to people and/or the environment
- **Electrical Testing** - including emergency lighting, fire alarm testing and thermal imaging in support of the Electricity at Work Regulations (EaWR) 1989
- **Energy Services** - designed to meet the requirements of the Energy Performance of Building Regulations 2007 including inspections for heating and cooling systems, often referred to as TM44 inspections.

For further information

To discuss how we can help you with your engineering needs, please contact:

Tel: 0345 076 0146

Email: special.services@allianz.co.uk

Alternatively, visit us online at allianz.co.uk/specialservices for our full list of engineering services.