Munich RE

Engineering inspection services

Inspection services, available from HSB Engineering Insurance, can help to mitigate your engineering risks and aid regulatory compliance.

Risk Solutions

HSB Engineering Insurance
www.munichre.com/hsbeil

For more information
contact Ecclesiastical on:
0345 777 3322

HSB Engineering Insurance

Ecclesiastical

Why are inspections required?

Today, every business and institution in the world relies on equipment to operate effectively. Employers have a duty to ensure the health, safety and welfare of their employees at work; failure to comply with health and safety legislation can have serious consequences.

A critical area of health and safety for businesses is the examination of plant and equipment to comply with various legislation, including:

LOLER	The Lifting Operations and Lifting Equipment Regulations
PUWER	The Provision and Use of Work Equipment Regulations
PSSR	The Pressure Systems Safety Regulations
EAWR	The Electricity at Work Regulations
COSHH	The Control of Substances Hazardous to Health Regulations

Failure to comply with health and safety legislation can lead to defective or poorly-maintained equipment which, in turn, could result in a reduction in workforce efficiency, increased risk of accidents and ill health, and even enforcement by the Health & Safety Executive; which can lead to heavy fines or even imprisonment.

Periodic inspection of plant and equipment operated in the workplace can not only help maintain a safe and efficient operating environment, but also ensures that employers comply with their legal obligations.

We provide third party independent inspection services to businesses of all sizes and industry types, carried out by our nationwide network of competent, technically-experienced engineer surveyors.

What does an inspection entail?

The main purpose of an inspection is to identify any defects or wear that needs to be repaired, or parts that need to be replaced. This can involve a visual examination as well as functional checks of safety systems. An Engineer Surveyor will check that safe working parameters are clearly marked (where applicable), check the functionality of protective devices and alarms, and ensure that European Commission declaration of conformity of equipment is available. Following an inspection, an Engineer Surveyor will provide a report of examination, identifying any defects together with any actions that are due.

Inspection frequencies

Different types and categories of equipment have varying inspection frequencies according to applicable health and safety legislation. Typical equipment and installations found within many businesses and institutions (together with the applicable legislation) may include the following:

Equipment category	Applicable legislation	Typical equipment	Inspection frequency (months)
Lifting equipment	Lifting Operations & Lifting Equipment Regulations 1998 (LOLER)	Passenger lift	6
		Wheelchair/stair lift	6
		Window cleaning equipment/building maintenance unit	6
		Personnel hoist (patient hoist, bath hoist)	6
Pressure plant[1]	Pressure System Safety Regulations 2000 (PSSR)	Model engine boiler	26
		Air conditioning units (>25kW)	12
		Expansion vessel (used for hot water system)	26
		Coffee boiler	14
		Hot water boiler (>100ºC)	14
		Catering equipment	14
		Autoclave/steam steriliser	14
		Pressurised manifolds	14
Electrical/ mechanical plant	Provision & Use of Work Equipment 1998 (PUWER)	General mechanical and electrical plant (e.g. motors, pumps)	12
		Refrigeration unit (<25kW)	12
		Hot water boiler (<100°C)	12
		Escalators	6
		Shower trolley	12
		Medical beds	12
Electrical systems[2]	Electricity at Work Regulations 1989 (EAWR)	Low voltage electrical installations	60
		Portable appliances	12
Local exhaust ventilation[3]	The Control of Substances Hazardous to Health Regulations 2002 (COSHH)	Fume cupboard	14

[1]Examination intervals for statutory pressure systems are dictated by a Written Scheme of Examination; a legal document that details the items within the pressure system, including protective devices, and outlines the inspection frequency and requirements.

[2]The frequency of period inspection for electrical systems, installations and equipment covered by EAWR 1989 is dependent on the type and use of the installation, the quality and frequency of maintenance and any external influences which the installation may be subject to.

[3]The frequency of period inspection for local exhaust ventilation installations can take place at periodic intervals based on applicable legislation or industry guidance.

Why choose HSB Engineering Insurance?

As a leading specialist provider of engineering inspection services in the UK and Ireland, and backed by over 150 years of technical risk knowledge, HSB provides inspection services in the role of Competent Person for all the service areas for which we are accredited by UKAS to 'ISO/IEC 17020 - In-Service Inspection Bodies'.

With a network of competent, technically-experienced Engineer Surveyors, HSB work with customers to understand their inspection requirements, reduce their engineering risks and help optimise the efficiency of their plant and equipment.

For more information on HSB's full range of inspection services, contact Ecclesiastical on: 0345 777 3322

NOT IF, BUT HOW

HSBEI-1775-0817