

The background of the slide is a low-angle photograph of a tall skyscraper under construction. The building's facade is a grid of windows, and the top section is still under development with visible steel framing and scaffolding. Several large tower cranes are positioned around the building, extending high into the clear blue sky. The overall scene conveys a sense of large-scale engineering and construction.

## Technical Risks

**Industrial companies today are looking for an insurer who can cater for their whole range of technical or engineering insurance requirements, from machinery breakdown to property and industrial development.**

**ACE European Group underwriters work with companies in all sectors of industry and business and can design bespoke insurance products for their clients' needs. In addition, they are supported by a team of specialist engineers who can provide valuable risk improvements advice to clients.**



We provide seamless cover from the construction phase through to the fully occupied building.

## Construction All Risks and Erection All Risks

At ACE we recognise the often complex contractual nature of the business and provide tailored construction insurance products, drawing on our expertise to assist our clients in meeting their specific needs. In adopting a flexible approach to the business, we provide full protection to all or some of the construction parties involved on an annual or single project basis.

Construction parties include principals, managing and main contractors, contractors and/or sub contractors, manufacturers and/or suppliers, banks and/or financial institutions.

We combine our wealth of expertise in the construction field with our capabilities in property and casualty insurance to provide seamless cover from the construction phase through to the fully occupied building. This helps to avoid gaps in cover and costs are agreed at the outset.

We believe that this is a concept that appeals to our clients and also aligns with current project finance thinking.

**Construction All Risks on either an annual or project basis where the greatest contract exposures lie with the standard building work.**

Our construction abilities are geared to insurance protection for building work, rather than those of a predominantly heavy civil engineering nature.

**Erection All Risks where the greatest exposures lie with plant, machinery and equipment and its explosion or breakdown during testing.**

Our erection “all risks” strategy is to insure all the major industry segments including oil, gas, petrochemical, power generation - both traditional thermal and renewable energy. We insure general manufacturing and production lines, including print risks and food processing plants, as well as traditional iron and steel production and processing plants.

**Advanced Loss of Profits - Project Business**

The growth of “build and operate” schemes and private financing has also increased the requirement to insure advanced loss of profits (ALOP), providing indemnity against loss of anticipated revenue through delay in completion of the project due to a claim under the CAR or EAR policy.



## Overseas Risks

The expanding global construction market provides a wide range of opportunities for UK based contractors to work in overseas territories. ACE is perfectly placed to provide insurance and related services to such companies because of its global network and its financial strength - ACE is rated A+ by both Standard & Poor's and A.M. Best.

ACE has a strong global presence, conducting business with clients in more than 140 countries. In Europe we have a physical presence in 20 countries and maintain cross border permissions in 30 countries, enabling us to issue policies on a freedom of service basis. We are therefore able to provide a seamless solution to our customers which includes agreeing coverage, issuing policies, adjusting claims all in accordance with legislative conditions and agreed service standards.

## Environmental Impairment

The Contractors Pollution Liability (CPL) insurance is specifically designed to offer protection for third party environmental liabilities arising out of the operations of the insured. A range of insurance cover is available for insureds and their sub-contractors with solutions tailored to the specific needs of each risk. The cover can be provided as an extension to the public liability policy both on project and annual policies.



Our policy can be tailored to meet the risk exposure of most businesses.

## Machinery Breakdown and Business Interruption

Machinery Breakdown/Business Interruption insurance can be provided on a stand-alone basis or in connection with the other products and services from ACE. Our policy covers electrical and mechanical plant, boiler and pressure plant and all integral parts for physical damage against a variety of perils, detailed below. Cover can be extended to include business interruption following these perils and can be written on our engineering package insurance policy.

Our policy can be tailored to meet the risk exposure of most businesses. The cover can be categorised into three main areas:

**Machinery Breakdown**  
**Pressure Explosion and Collapse**  
**Sudden and Unforeseen Damage**

### **Machinery Breakdown covers**

- The actual failure, breaking, distortion or burning out of any part of the machinery
- Damage following failure or fluctuation of the electricity supply
- The fracturing of any part of the machinery by frost where the fracturing makes that part of the machinery inoperative
- Operator error or omission

### **Pressure Explosion and Collapse covers**

- Explosion due to the sudden and violent rending of boiler and pressure plant by force of internal steam or other fluid pressure, which causes the bodily displacement of any part of the property
- Collapse due to the sudden and dangerous distortion of any part of the boiler and pressure plant caused by the crushing stress by force of steam or other fluid pressure

### **Sudden and Unforeseen Damage covers**

- Damage to the property by pressure explosion or collapse or any other sudden and unforeseen cause not excluded

Our cover offers reinstatement as new for boiler and pressure plant up to ten years old, and electrical and mechanical plant up to three years old. Our standard business interruption indemnity period is 12 months.



## Computer Insurance

Organisations are becoming ever more reliant on computer systems and networks. As more companies trade online, use websites for marketing and sales, and rely on email for communication both internally and externally their IT systems become a business critical asset. Loss or damage to computer systems can, therefore, be disastrous for a business.

ACE Technical Risks has two products to protect computer systems and the data within it.

### **Computerguard**

This is a specialist policy designed to insure computer hardware including servers, PCs, laptops, palmtops and such items as dedicated air conditioning and cabling. Cover includes increased cost of working, loss of data and can be extended to incorporate revenue loss.

The cover is wider than most property insurance covers and is designed to support the modern business using computers. It offers worldwide cover on portable computers and has “full theft” cover as well.

### **ComputerguardPlus**

This offers the wide ranging cover available under Computerguard plus malicious covers such as virus, hacking and denial of service.

ComputerguardPlus is also available as an Online product to brokers, thus offering instant cover and policy documentation for clients.

## ACE Engineering Services

ACE Engineering is a dedicated resource of risk engineers within the Technical Risks team who not only provide technical support to the underwriters but also provide support and advice to our policyholders.

Our extensive experience, covering major annual and project engineering risks around the world, supports the underwriting capabilities within ACE to deliver solutions on large and complex construction risks.

The experience within our team covers many areas from general construction activities through to heavy industrial risks, waste-to-energy process plants, power plants and renewable energy.

The types of services provided include:

- pre- or post-inception survey
- construction survey
- post loss survey
- crisis management systems

For more information on ACE’s Technical Risks and Engineering capabilities contact your local ACE office or visit [www.aceeuropeangroup.com](http://www.aceeuropeangroup.com)

ACE prides itself on the quality and experience of its staff.

## Working with ACE

The ACE Group is one of the world's leading global commercial property and casualty insurance organisations. ACE has a physical presence in 53 countries and commercial and individual customers in more than 170 countries. Globally we have the capacity and strength to protect the operations of multinational companies throughout the world while locally we have the means to give customers the service they expect.

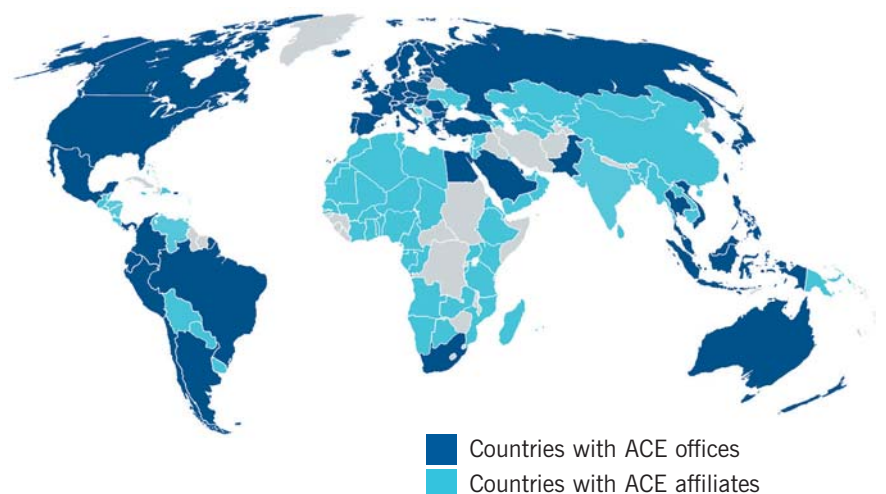
With its core operating insurance companies rated A+ for financial strength by Standard & Poor's and A.M. Best, the ACE Group is distinguished by its underwriting expertise, superior claims handling and global franchise.

ACE Limited, the Swiss-incorporated parent company of the ACE Group, is listed on the New York Stock Exchange (NYSE: ACE) and is a component of the S&P 500 stock index. The ACE Group maintains executive offices in Zurich, Bermuda and New York, among other locations, and employs more than 15,000 people worldwide.

Headquartered in London, ACE European Group Limited has established branch offices in 20 countries across Europe, Freedom of Services permissions to operate in 30 EEA countries and affiliates in Russia, the Middle East and Africa.

ACE in the UK employs over 800 staff through a branch network of offices centered around the main insurance markets in the UK: London, Belfast, Birmingham, Dublin, Glasgow, Leeds, Maidstone, Manchester, Newcastle, Reading, and Watford.

ACE European Group Limited is rated A+ (Strong) by Standard & Poor's and A+ (Superior) by A.M. Best. ACE prides itself on the quality and experience of its staff, who are specialists in their individual fields. Using this expertise, ACE focuses on market segments where this specialist knowledge creates a natural alliance with customers and tailors its products and services to support the key business goals of those select segments.





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