



RISK MANAGEMENT PROFILE



MARINE PORT



Marine Port Risk Management

Modern sea ports are highly mechanised assuring the fast turn around of vessels at berth, and the continuous movement of containerised or loose/bulk cargoes via dockside warehousing and yards.

The array of modern marine transitted freight ranges from foodstuffs and chemicals to heavy machinery, automobiles and sensitive electronic apparatus.

All require careful and considerate handling in addition to speed and efficiency of transfer between vessel stowage and dockside transportation.

Documentation and tracing of every item of freight is a prerequisite as also the condition as received at the dockside whether an import or export.

Care, custody and control direct attention to the need for the utmost observation of responsibility within the curtilage of port operations, failures of which are the indications of potential liability exposures should preventable hazards manifest themselves.

Ports advertise services which include berthing and handling facilities, stevedoring, water supplies, bunkering and fire protection. Should a vessel hold, tank or machinery space ignite, where does the duty of care lie in the event of fire fighting service being required?

Should a vessel be impounded , again, where does the duty of care lie?

If a cargo payment is not debt serviced timeously, and is destroyed by arson to collect insurance monies, are the security controls and surveillance as also active , automatic fire protection, adequately in place to counter a charge of contributory negligence?

Corporate Risk Control can assist in providing risk management input ranging from due diligence audits to a comprehensive total loss control package including assessment of existing fire protection systems, upgrading and training in health and safety management, and elevating the security discipline to an internationally recognised professional status.



Corporate Risk Control

The Group is essentially a technical risk management consultancy servicing international insurance related entities and commercial and industrial organisations.

Founded in 1984, in the UK, Risk Control Group is actively involved in Europe, Middle East, and the ASEAN region.

The ASEAN head office is based in Bangkok, but satellite offices and agents are located conveniently elsewhere including Kuala Lumpur, Malaysia.

Corporate Risk Control employs a range of disciplines within its staff and also utilises outsourced approved expertise, retained by the Group under a contract scheme.

Thus the Group's conservation bureau mission statement is to identify the potential hazards to marine port assets, to the potential interruption to efficient and speedy traffic, and to protect the vessels, goods, services and personnel under its care, custody and control.



Past Experience, Marine Port Facilities.

Dubai :

Construction and operational risk management and loss adjustment

Mina Sulmein, Bahrain :

Loss adjustment, property, and freight damage.

Dammam, Saudi Arabia :

Construction, all risks claims, loss adjustment and investigations into criminal activities.

Bandar Abbas, Iran :

Construction failures analysis, and corrective measures recommendations, for and on behalf of insurance interests.

Fishing Boat Facilities, Buckie, Scotland :

Risk analysis of fish landing and preparation facilities, berth construction, warehousing, etc. for and on behalf of insurance interests.

Clydeside, Scotland, Construction Yard :

Risk analysis of ship building yard and associated facilities, with loss prevention reports and follow ups, on behalf of underwriters..

Sembawang Ltd., Singapore :

Risk analysis and risk management input involving ship repair and cargo handling facilities in Singapore, Indonesia, and China.

Penang Port, Malaysia :

Risk Management overview for and on behalf of underwriters.

GPIC, Banagas and Bapco , Bahrain :

Risk analysis and management input pertaining to the handling, storage and transfer of flammable fluids.

Aramco and Saudi Basic Industries, Saudi Arabia :

Risk analysis addressing offshore production and gas separation platforms, sea island loading jetties, involving crude oils, processed hydro carbons, and liquified gases.

Offshore Loadng Jetties and Berths, Thailand :

Risk analysis and preparation of risk handling reports.

Marine Port Facilities, Thailand :

Risk assessments on behalf of international underwriters.



Storm Damaged Dockside Cranes :

Investigation into case, assessment of damage repairs, salvage and recovery, and recurrence prevention input, Bahrain Shipyard.

Manila Ports Authority :

Risk Assessment and report for international underwriters.

Oils Landing, Storage and Distribution Facilities, Philippines Islands :

Risk assessment and report on behalf on international underwriters.

Steel and other heavy import facilities berths and dockside facilities, Bangsaphan, Thailand :

Risk assessment and management input, client manufacturer.

Underwater Power Cable Damage Prevention, Philippines :

Assessment and corrective measures on behalf of underwriters.

Ship Repair Facilities, Dry Docking, Map Ta Phut, Thailand :

Risk analysis and management for international underwriters and brokers.

The following outline topics are intended to advise just where Corporate Risk Control can assist in assuring efficient insurance terms and conditions in addition to maintaining a risk managed commercial operation.

Topics which could be addressed :

- Berths and Dockside Craneage, Container Handling and Mechanical Loaders/Unloaders.
- Container mechanical handling, transfer, stowage and repairs.
- Berthing and Deberthing :
- Dredging.
- Salvage.
- Military activities and facilities use-age.
- Skeletal road and rail vehicle maintenance and condition controls.





- Stacking and safe storage.
- Warehousing, bulk, random close piled, high bay, racking, etc.
- Fire protection installed equipment, mobile equipment and procedures.
- Port fire brigades, capability, adequacy of equipment and training provided and risk management of.
- Dock/berth emergency capability.
- Fire fighting tugs.
- Bailee provisions and risk exposures.
- Berthside responsibilities.
- Berthside service provisions, assumed and actual, contractual.
- Contractors controls, transit, service, construction, repairs, etc.
- Visitors, leisure vessel visit, trespass, exposures to persons within the port curtilage.
- Car ferry operations.
- Stevedoring.
- High risk cargoes,
- Pollution and environmental controls.

Health and Safety Management :

- Safety managers professional qualifications and competency.
- Policies and procedures.
- Trend monitoring.
- Hazard spotting.
- Accident investigations and reporting.
- First aid provisions.
- First aider training, clinics, ambulance provisions, etc.



Emergency Response Planning :

- Simulations.
- Procedures.
- Review routine.
- Facilities and response control systems.
- Pre-planning manuals, etc.

Port Security :

- Access controls.
- Watch man service.
- Berth Control.
- Immigration control.
- Trespass, casual and aggravated.
- Quarantine regulatory controls.
- Surveillance.
- Policies and procedures.
- Standing orders,.
- Professionalism, and training to professional standards.
- Management of inhouse employed service or outsourced service.
- Arson prevention.
- Vandalism prevention.

Misc. :

- Perils, natural, seismic, windstorm, lightning, etc.
- Abnormal sea state exposures.
- Sub sea obstructions.
- Channels clearance and shifting sandbars controls, bulletins, etc.
- Pilotage safety provisions.
- Navigation aids.

The range of topics addressed will be determined on site as apart of the initial quantified risk assessment assignment.

What can Corporate Risk Control provide in practical terms ?

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| <ul style="list-style-type: none">• Set up and control a port risk management organisation.• Audit existing fire protection and loss prevention systems, policies and procedures.• Set out a routine thermal scanning inspection programme to identify potential fire and machinery breakdown hazards.• Provide underwriting technical appraisals and risks control measures towards achieving optimum insurance terms and conditions.• Hazards assessment/ quantified risk assessment, coarse scale/ fine scale.• Fire and safety management training. | <ul style="list-style-type: none">• Security management training to professional standard, internationally accepted.• Liability exposures assessment.• Loss investigation and insurance claims preparation assistance.• Pollution risk management assessment.• Contingency planning and post disaster recovery policy and procedures.• Emergency incident planning simulations testing.• Reinstatement valuation. |
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Where to go from here ?

***Suggestion* -- the way forward:**

- 1. Port visit.**
- 2. Meet with port management.**
- 3. Corporate Risk Control to then submit brief outline offer for further discussion.**

Risk is not an option - Management is.

For further information on our Marine Port risk management

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