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LOGISTICS SPECIALIST FOR DANGEROUS GOODS

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Your **Safety** Passport for Hazardous Chemical Logistics

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Your **Safety** Passport for Hazardous Chemical Logistics ...

LOGISTICS SPECIALIST FOR DANGEROUS GOODS ...

HAZCHEM LOGISTICS MANAGEMENT CO., LTD.

Under the Chemical and Specialty Logistics of Triple i Logistics Public Co., Ltd., HazChem Logistics Management Co., Ltd., the leading logistics integrator specialized for hazardous chemicals and dangerous goods is predominantly led by more than a decade of specialized expertise and reputation in both logistics and chemical industries. HazChem Logistics Management is highly committed to the Safety, Security excellence and Responsible Care[®] guiding principles.

OUR VISION

"We aim to be the Number One Logistics Integrator specialized in Hazardous Chemicals and Dangerous Goods with Commitment to Safety and Responsible Care[®]"

OUR MISSION

"HazChem Logistics Management Co., Ltd. is dedicated to continual improvement of our professionalism in providing best quality logistics solutions for Hazardous Chemicals through our corporate core values as followings :-

- Be committed in Safety and Responsible Care* guiding principles as topmost priorities and integrate them into all working processes.
- Conduct our organization with Environmental Health, Safety and Security Policy and Corporate Social Responsibility in creating awareness of safety concerns through dissemination and sharing of knowledge to Chemical and Logistics Industries as well as Society."

HazChem Logistics Management Co., Ltd. is an ISO 9001 certified company on quality management systems to ensure highest level of integrated logistics standard. Through long years of establishment, the company has been well recognized by a number of awards and accreditations:

- Prime Minister's Export Award 2011 (PM Award)
- Export Logistics Model Award 2011, 2009, 2008 (ELMA Award) by the Department of International Trade Promotion (DITP)
- Business Ethics Standard Test Award 2009 (TCC BEST Award) by Thai Chamber of Commerce











WHO WE ARE ?

Triple i Logistics Public Company Limited, a Total Logistics Service Provider comprises of more than 20 companies with more than two decades of experience in the international freight forwarding and logistics industry.

Our management is a team of professionals who are well versed in all aspects of international transportation and logistics management.

"The Leading Thai Logistics Group with Sustainable Growth in Southeast Asia"

OUR VALUES

integration

We believe that the power of collaboration and synergy of potentialities among all intra and inter-organizational elements are driven to build the corporate competitive strengths and core competencies towards mutual successes and sustainable growth.

innovation

We believe that the power of thoughts, endless learning and creativities are initiated to enhance the exceptional standards of service levels with continuous improvements towards being the innovative organization that provides the excellent services with genuine corporate differentiation.

intimacy

We believe that the power of relationship and partnership are entrusted to shape the valuable aspects of service excellence and supreme level of customers and partners' satisfactions underpinning the baselines on trust, honesty and responsibility towards being the most preferred organization in the heart of customers and partners forever.



Listed in the Stock Exchange of Thailand (SET) in September 2017, Triple i Logistics Public Company Limited and its subsidiaries are a leading group of companies in Thailand providing Total Logistics Services that focus on becoming the Collaborative Logistics Integrator.

Our entire services encompass comprehensive ranges of integrated logistics services:

- End-to-End Logistics and Supply Chain Solution
- International Freight Forwarding by Sea and Air
- Shipping Line Agency
- Container Depot Operations
- Inland Container Haulage
- Cross-border Transport
- Import and Export Customs Clearance
- Worldwide LCL Consolidation
- General Sales Agent for Airlines
- Airport Ground Services Handling
- Wholesale based International Air Freight Forwarder
- Express Delivery, Domestic and International Courier
- Warehousing Services for e-Fulfilment
- Nationwide Transport and Distribution
- Specialized Logistics for Hazardous Chemicals and Dangerous Goods
- Bulk Liquid Transport (ISO-Tank Containers and Flexi-tanks)
- Complete Dangerous Goods Packaging Solution
- Biomedical and Temperature Sensitive Packaging Solution
- Training and Consultancy

Our business portfolio is divided into 4 Business Units as follows:



AIR FREIGHT BUSINESS

- Wholesale Air Freight Forwarder
- General Sales Agent (GSA) for Airlines
- Airport Cargo Terminal



SEA FREIGHT & INLAND TRANSPORT BUSINESS

- Shipping Line Agencies
- Worldwide LCL Consolidation Service
- Inland Container Transport

LOGISTICS MANAGEMENT BUSINESS

- International Logistics Service
- Warehouse and Distribution
- End-to-end e-Fulfilment Solution

CHEMICAL & SPECIALTY LOGISTICS

- Hazardous and Dangerous Goods Logistics Integrator
- Specialized DG Warehouse and Distribution
- Dangerous Goods Packaging Solution Provider

Triple i Logistics Public Company Limited

... the **RIGHT** solution, the **RIGHT** partner



SEAFREIGHT SERVICES SPECIALIZED FOR DANGEROUS GOODS

Being DG Logistics Specialist over the decades with chemical industry recognition and reputation, **HazChem Logistics Management Co., Ltd.** offers the complete Seafreight Services specialized for Dangerous Goods based on following key strengths:-

- DG expertise in compliance with IMDG Code Regulations
- Shipper's Declaration Services for Dangerous Goods
- Segregation and Load Validation of Mixed DG Cargos
- Full Container Load (FCL) to and from any Locations Worldwide
- Weekly DG LCL Consolidation to Worldwide Destinations
- Integrated Services with Customs Clearance and Transportation
- In-house Freight Management System
- Certified DG Specialists for IMDG Code
- Global Network specialized in handling Dangerous Goods

DG LCL CONSOLIDATION

One of our leading strengths is the ability to provide DG LCL Consolidation on a weekly basis. This allows our customers to gain various logistics advantages in arranging small or partial shipments and easily help them expand into international market throughout the world. Many classes of Dangerous Goods could be accepted as LCL shipments covering a wide range of destinations such as Asia Pacific, Indian Subcontinent, Australia, Middle East, Europe, America and Latin America.

The mixed loading of Dangerous Goods into our weekly consolidation service is in compliance with the Stowage and Segregation Guidelines of IMDG Code.

DG COMPLIANCE TO IMDG CODE

Our certified team of DG Specialists is well trained and equipped with in-house technical knowledge and sophisticated computerized system to be always in full compliance with International Maritime Dangerous Goods Code (IMDG Code). The extensive scope covers:-

- General Provision
- Classification
- Dangerous Goods List, Special Provision and Exceptions
- Special Provisions and Exceptions
- Packing and Tank Provisions
- Consignment Procedures
 - Marking and Labelling of Packages Including IBCs
 - · Placarding and Marking of Cargo Transport Units
 - Documentation
 - Special Provision
- Construction and Testing of Packagings
- Provisions Concerning Transport Operations



AIRFREIGHT SERVICES SPECIALIZED FOR DANGEROUS GOODS

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Providing the speed advantage in shipping Dangerous Goods by Airfreight on the door-to-door or door-toairport services by our certified DG specialists allows our customers to assure that their DG shipments shall arrive on the right time. Our complete Airfreight Services for Dangerous Goods are based on following key strengths:-

- DG expertise in compliance with IATA DG Regulations
- Shipper's Declaration Services for Dangerous Goods
- Segregation of Mixed DG Loading
- Door-to-Door and Door-to-Airport Services
- DG Sample Management Services
- Packing and Re-packing (UN Certified Packaging)
- Tracking and Notification Report

DG SAMPLE MANAGEMENT

To facilitate the DG and chemical samples to carry on and commercialize into international trade shipments, **HazChem Logistics Management Co., Ltd.** offers the DG Sample Management for all types of chemical samples, laboratory chemicals, R&D chemicals or even small portion DG shipments for chemical industry to outreach their prospective customers in the timely manner.

The integrated one stop services offered include customs clearance, pick-up and delivery, on-site packing and repacking, marking and labelling, dangerous goods declaration and documentation.

DG COMPLIANCE TO IATA DG Regulations / ICAO Technical Instructions

Our certified team of DG Specialists is well trained and equipped with in-house technical knowledge and sophisticated computerized system to be always in full compliance with IATA Dangerous Goods Regulations (IATA DGR) and ICAO Technical Instructions for the Safe Transport of Dangerous Goods by Air (ICAO TI). The extensive scope covers:-

- Classification and Identification of Dangerous Goods
- Special Provisions and Exceptions
- Packing Instructions
- State Variations and Operator Variations
- General Packing Requirements
- Particular Packing Requirements or Exceptions
- Packaging Specifications and Performance Tests
- Marking and Labelling
- Documentation
- Handling

Your Safety Passport for Hazardous Chemical Logistics ...



ISO TANK CONTAINER SERVICES INTERNATIONAL BULK LIQUID TRANSPORT

As an exclusively appointed agent of NICHICON : Nippon Concept Corporation (NCC), a leading Japanese Tank Operator, HazChem Logistics Management Co., Ltd. offers complete logistics solution for bulk liquid transport. The scope of services are:-

- ISO Tank Container for Bulk Liquid Transportation
- Cleaning, Maintenance, Repair and Depot Services
- Storage and Heating of Liquid Cargo
- Short Term and Long Term Lease for Domestic Operations
- Dedicated Operations for Sensitive Cargo
- In-land Haulage & Customs Clearance Services
- Global Network of Agents handling ISO Tank Containers

ISO TANK CONTAINER

ISO Tank Container is the international standard container facilitating the transport of Chemicals and Dangerous Goods in bulk for both liquids and solids. Its capacity ranges from 17,500 liters to 25,000 liters and offers the following benefits for the industrial users:-

- Ease of Use, Handling and Maintenance
- More Products Transport compared to Conventional Drums
- Long-term Repetitive Use
- No Need for Disposal Requirements of Used Packagings
- Safe Loading/Unloading for Intermodal Transport
- Unit Cost Saving and Efficient Distribution
- Suitable for Sensitive Cargo to prevent Contamination
- Equipped with Heating Capability





TRAINING AND CONSULTING SERVICES FOR REGULATORY COMPLIANCE

In addition to integrated logistics services for Dangerous Goods, **HazChem** Logistics Management Co., Ltd. offers extensive ranges of training and consulting services for regulatory compliance to our customers. The scope of value-added services covers:-

- Collaboration with Leading Japanese Consulting Provider : JCDB (Japan Chemical Database Limited)
- Chemical Database Management System : ChemWatch
- SDS Authoring and Translation Services
- GHS Classification System and Tools
- Customized In-house Training and Consulting Services
- Regulatory Compliance Services for Hazardous Substances
 - Consultation
 - Notification
 - Registration
 - Import/Storage License Submission
- 24/7 hours Emergency Response Services (in collaboration with NCEC UK)







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VALUE-ADDED TRAINING AND CONSULTING SERVICES

The value-added training and consulting services can be customized in accordance with customer's needs and requirements. This could be arranged as one-to-several days training to on-site audits providing with reports and findings. It also includes an extensive scope of specialized training courses from Chemical and Dangerous Goods Management to Supply Chain and Logistics Management. The classes can be conducted in-house or any locations based on customer's request. The topics of coverage are:-

- Dangerous Goods Classification
- Multimodal Transport of Dangerous Goods
 - IMDG Code
 - IATA Dangerous Goods Regulations
 - European Agreement concerning International Carriage of Dangerous Goods by Road (ADR)
- UN Marking and Packaging
- Storage of Dangerous Goods and Hazardous Substances
- Emergency Response
- Globally Harmonized System of Classification and Labelling of Chemicals (GHS)
 - GHS Label and Safety Data Sheet (SDS)
- Chemical Risk Assessment
- Regulatory Framework on Chemical Management
- International Trade, Logistics and Supply Chain Management

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THE OUTSOURCING SOLUTION OF DG WAREHOUSING

DG WAREHOUSE SERVICES SPECIALIZED FOR DANGEROUS GOODS

Various natures of Dangerous Goods and Hazardous Chemicals especially in the aspect of Warehousing are in principle very difficult to understand due to its complications in hazard classification, associated risks and exposure concerns, regulation enforcements of relevant competent authorities, safety and security requirements and compliance, needs of highly skillful labor, staff and human resources, warehouse management system (WMS) operations and emergency response preparedness. The capability to in-source these warehousing activities could be burdensome as well as time and cost consuming consequently leading to logistics inefficiency.

HazChem Logistics Management Co., Ltd. as the leading DG Logistics Integrator offers a breakthrough solution of these complexities by establishing and operating a number of dedicated DG warehouses which is in compliance with both international and local regulations, committed to safety and security excellence, operated by well-trained and experienced staff, set up with state-of-the-art WMS technology, covered with risk management programs and all types of insurances and capable to provide any other value added services.

Located at Ticon Logistics Park (T-Park), Bangna KM. 39, our DG warehouses serve as integrated logistics services center which offers our valuable customers not only for storage of raw materials and finished goods but also local and international distribution center, import and export planning center, cross-docking and repacking site and a logistics hub for other value added activities.

Some of our key strengths are highlighted below:-

- International Standard DG Warehouses
- Strategic Location in Ticon Logistics Park (Bangna KM. 39)
- Licensed Warehouses by Department of Industrial Works and Defence Industry Department
- Storage in Several Compartments installed with Racking Storage System
- Air-Conditioned Storage Compartment Available
- Management System in place for DG Classification
- Safety and Security Infrastructure and System in place
- State-of-the-Art WMS interfaced with ERP
- Operated by Well-trained and Experienced Staff
- Commitment to High Quality, Safety and Security Excellence
- Internal EHSS Specialist for Site Safety and Security
- General Zones and Free Zones Available



ห่างสูบบูครี่ รับประการสาดการโรงสร้องที่

ร่วยสายเลือก เพื่อสืบสายกา

SAFETY AND SECURITY SYSTEM FOR DANGEROUS GOODS WAREHOUSES

The Safety and Fire Fighting System of Dangerous Goods Warehouses

According to our Environmental Health, Safety and Security (EHSS) policy, Safety is our topmost concern and is the first priority. The state-of-the-art infrastructure of our DG Warehouses is constructed in compliance with the international standard and local regulations enforced by the competent authorities. The safety and firefighting system as well as equipment includes:-

- Firewall for Fire Resistance
- Fire Doors Integrated into Firewall
- Chemical Resistant Floor
- Raised Floor for Flood Prevention
- Loading Docks with installed Dock Levelers
- Emergency Exit Door
- Fireproof and Fire Resistant Roof
- Ventilation System
- Explosion-proof Lighting and Electrical Installation
- Lightning Conductor and Rod
- Fire Alarm, Smoke Detector, Smoke Beam Detector
- Fire Extinguisher and Fire Hose Cabinet
- Fire Sprinkler System with Sufficient Water Supply
- Fire Pump and Jockey Pump Room
- Containment for Used Fire Fighting Water
- On-site Personal Protective Equipment (PPE)
- Absorbent Material and Spillage Kit
- Medical First Aid Kit
- Eye Wash Station, Emergency Shower, and Safety Signs

The Security System of Dangerous Goods Warehouses

Security is one of our primary concerns to prevent any undesirable threats. A number of security system and procedures are in place at all levels including the general visitors, drivers and even our staff to ensure the secured and safe site operations with proven records of in-and-out controls. The summary of security features are:-

- 24/7 Primary Main Gate Pass Control
- 24/7 Secondary Gate Check by Security Guard
- Patrol Points with Guard Tour Device
- Security Procedures for General Visitors and Drivers
- Strict Rule Enforcement for General Visitors and Drivers
- Controlled Entry and Log Book for Staff
- Installation of CCTV (closed-circuit television) System at All Operational Sites

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WAREHOUSE MANAGEMENT SYSTEM

AND QUALIFIED HUMAN RESOURCES FOR DG WAREHOUSES

The State-of-the-Art Warehouse Management System

Through long years of DG Warehouse operations, the state-of-the-art Warehouse Management System (WMS) is a key to operational success. Our WMS is a full enterprise control over the comprehensive flow of inventory management. It is functionally rich and fully integrated application operated by wireless RF technology. In addition to normal day-to-day operations, it has also been further customized and enhanced to support the advanced and sophisticated warehousing operations and complicated storage requirements of Dangerous Goods, Hazardous Chemicals and Hazardous Substances. Here are some of the highlighted features:-

- Full Enterprise Control for Inventory Management
- Multiple Warehouses/Sites and Multiple Clients Support
- Flexible and Fast Implementation
- Built-in Interface Modules with ERP
- Independent between Paper and RF Modules
- Operational and Customizable Reports and KPIs
- Integrated Documentation over the Flow of Inventory Management
 - Photos, Certificate of Analysis (COA) and Safety Data Sheet (SDS)
 - · Non-conforming and Accident Reporting with Photos
 - Control of Storage Licenses and Reporting for Hazardous Substances
- Preferred Zone Hierarchy (PZH) for DG Segregation and Storage
- Tracking and Traceability of Historical Movement
- Web-based and Mobile-based Inventory Report for 24/7 Visibility
- Reports generated as Excel for further Data Analysis

The Qualified Team of DG Logistics Experts

Operations of DG Warehouses requires a skillful and specialized team of DG Logistics Experts. HazChem Logistics Management Co., Ltd. strives to develop internal EHSS specialist and a group of well-trained and experienced operational team to handle the comprehensive flow of DG handling activities to and from our DG warehouses. Our qualified team of human resources is certified through:-

- Regular Internal and External Trainings
 - Hazard Classification and Hazard Communication
 - Understanding DG and GHS Labels
 - How to read Safety Data Sheet (SDS)
 - Use of Personal Protective Equipment (PPE)
 - Medical First Aid Guide
 - Emergency Response Management System
 - Fire Fighting and Evacuation
 - Chemical Spill and Leakage
 - Emergency Response Drill at Different Levels
 - International and Local Regulations
- Screening Procedure for DG Acceptance for Storage
- DG Segregation and Storage Requirements
- In-house EHSS Specialist and Internal Regulatory Team
- Internal Staff and Driver's Training Profile
- Behavior Based Safety Programs







TRANSPORT AND

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DISTRIBUTION

SPECIALIZED FOR DANGEROUS GOODS

HazChem TransManagement Co., Ltd. -The Quality and Safety Focused Transporter

The compliance of transport regulations of Dangerous Goods and Hazardous Substances is at increasingly high importance during recent years. The qualified and certified drivers as well as the high quality and standard of the transport and distribution trucks are the key elements of business success for transport and distribution of Dangerous Goods.

In order to improve the higher level of transport and distribution quality and safety standards, HazChem TransManagement Co., Ltd. has been established as in-house transport and distribution arm of HazChem Logistics Management Co., Ltd. to operate a dedicated fleet of closed box trucks (4/6/10 wheelers and trailer).

Followings are the key highlights for DG Transport and Distribution Services:-

- Dedicated Fleet of Closed Box Trucks
- Compliance with Department of Land Transport and Department of Industrial Works
- Certified Driver License for DG
- GPS Installation for Real Time Monitoring
- Safety Equipment on Trucks
- Emergency Response Equipment, Team and Procedure in place
- DG Placard / DG Booklet on Trucks
- Insurance Coverage for Inland Transit Insurance
 - Cargo and 3rd Party Liability Insurance



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Sophisticated Transport Management System (TMS)

Integrated with the WMS, the sophisticated Transport Management System (TMS) has been implemented to include the following operational and advanced features as to enhance the transport and distribution efficiency:-

- Integrated Truck Queue Management with WMS
- Dashboard Management for Truck Planning and Loading
- Qualified Driver and Truck Control and Task Assignment
- Barcode and Truck ID with Handheld and Tablet System.
- Truck Load Utilization, Route Planning and Optimization
- e-Proof of Delivery (POD) for On-site Delivery
- Interface Modules with any ERP systems
- Customizable Reports and KPIs

COMMITTED TO SAFETY AND RESPONSIBLE CARE®

Corporate EHSS Policy

(Environmental Health, Safety and Security)

HazChem Logistics Management Co., Ltd., the leading Dangerous Goods Logistics Integrator, shall strive to protect the employees, customers, suppliers, public and all stakeholders as well as environment by eliminating all kinds of risks and any identified hazards which may result in accidents, fires, losses, injuries and damages to people, properties, facilities and society.

The management and staff at all levels are highly committed towards the safety and security excellence through regular implementation, monitoring and review as well as continuous improvement of environmental health, safety and security performances.

Such continuous implementation and improvement programs are dedicated to followings:-

- Strong commitment to Responsible Care^{*} guiding principles and codes of management practices as well as the management of environmental, health, safety and security shall be the primary working ways of both management and staff.
- Integration of all safety practices towards the achievement of Zeroaccident and Zero-injury at all times.
- Implementation of Behavior Based Safety programs for staff and subcontractors
- Regular training and enhancement of knowledge and expertise of company's human resources and personnel.
- Contribution in improving Safety and Security System which include facilities, machines and equipment as well as the continual development of sophisticated IT infrastructure in order to enhance better level of achievement of safety and security performance.
- Compliance of both local and international regulations as well as standards of practices.
- Engagement of the company in providing the logistics services as the socially responsible entity prioritizing on the safety and security, health and environment performances and issues as the highest concerns. The contribution in sharing of knowledge and practices to private, public and academic sectors through regular participation of social activities shall be the on-going and endless programs in order to enhance the awareness of the logistics and chemical industries as a whole.

Responsible Care* - Doing the RIGHT thing

Responsible Care* is the corporate philosophy of **"Doing the right thing"** in which the management and staff are highly committed to its guiding principles and codes of management practices. The representatives of the company are continuously engaged to pursue and play active role in the activities of Responsible Care Management Committee of Thailand (RCMCT) under the Chemical Industry Club (CIC), the Federation of Thai Industries (FTI). Such continuous contributions are aimed at not only to develop the ongoing activities of Responsible Care* in Thailand but also to insist on company's endless commitment and relentless dedication to enhance the knowledge, standards and practices of chemical industry as a whole.







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