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Comprehensive Safety Guidance Issued for Dangerous Goods Storage and Handling Facilities

Distributed on 14 December 2021



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December 14, 2021

Comprehensive Safety Guidance Issued for Dangerous Goods Storage and Handling Facilities









14 December, 2021 – The tragic incidents in Tianjin and Beirut have marked a decade of increased concern over the safety of dangerous goods stored in ports, terminals and other warehousing facilities. Four industry groups have collaborated to address the issue and produce best practice guidelines in the form of a White Paper and Warehouse Checklist.

In the face of increased volumes of dangerous goods transported in sea containers, and the occurrence of major incidents as well as a plethora of lesser accidents, there is a clear need for guidance on safe storage and handling of dangerous goods in warehouses, including port and terminal facilities. Building on their combined expertise and experience, International Cargo Handling Coordination Association (ICHCA), International Vessel Owners Dangerous Goods Association (IVODGA), National Cargo Bureau (NCB) and World Shipping Council (WSC) have responded to this critical requirement by developing a Dangerous Goods Warehousing White Paper.

In introducing the White Paper, Uffe V Ernst-Frederiksen and Ken Rohlmann both of IVODGA highlight: "The temporary or long-term storage of dangerous goods in a facility, necessitates careful planning, supervision and continued due diligence. While the major disasters in Beirut and Tianjin have been widely reported, there are many other incidents around the globe that do not garner the same attention, but which have the potential to escalate. There are existing international, national and local regulations for dangerous goods in transit for various modes of transport but there is no direct equivalent for warehouses."

The Dangerous Goods Warehousing White Paper, and its accompanying Checklist, detail the risks involved in storing and handling dangerous goods and, importantly the measures to be taken in containing them. Topics covered include: competency and training of workforces; property construction; fire protection; security equipment and protocols and emergency response procedures. It is intended as a practical guide to systematic and documentable processes for those managing and operating storage facilities to ensure ongoing safety but also that incidents are containable if and when they arise.

"A pivotal element of our guidance is a Warehouse Checklist," states Richard Steele of ICHCA. "Given our aim to provide a practical management tool, we believe the Checklist format is a significant addition to the other elements of the White Paper. Broken down into eight key functional areas of operation, this comprehensive 14-page Checklist is designed as both a planning guideline and a review tool, as well as an everyday device for maintaining safety management vigilance."

The Dangerous Goods Warehousing White Paper has been endorsed by influential industry stakeholders including Baltic and International Maritime Council (BIMCO), Bureau International des Containers (BIC), Container Owners Association (COA), Council on Safe Transportation of Hazardous Articles (COSTHA), Danish Shipping, International Chamber of Shipping (ICS), International Federation of Freight Forwarders Association (FIATA), International Group of P&I Clubs (IGP&I) and Through Transport Mutual Insurance Association Ltd (TT Club). "We have shared our work with the relevant maritime regulators and the International Maritime Organization (IMO)," states Steele, "And we welcome every opportunity to work with them on developing and refining appropriate warehousing safety instruments, codes and circulars."



Safety guidance issued for dangerous goods storage

DUBAI, 21 hours, 58 minutes ago

A 'Dangerous Goods Warehousing White Paper' has been developed in the face of increased volumes of dangerous goods transported in sea containers, and the occurrence of major incidents as well as a plethora of lesser accidents.

Those behind the White Paper are International Cargo Handling Coordination Association (ICHCA), International Vessel Owners Dangerous Goods Association (IVODGA), National Cargo Bureau (NCB) and World Shipping Council (WSC).

In introducing the White Paper, Uffe V Ernst-Frederiksen and Ken Rohlmann both of IVODGA highlight: "The temporary or long-term storage of dangerous goods in a facility, necessitates careful planning, supervision and continued due diligence. While the major disasters in Beirut and Tianjin have been widely reported, there are many other incidents around the globe that do not garner the same attention, but which have the potential to escalate. There are existing international, national and local regulations for dangerous goods in transit for various modes of transport but there is no direct equivalent for warehouses."

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- TradeArabia News Service



https://www.canaryports.es/texto-diario/mostrar/3342183/guia-seguridad-integral-emitida-instalaciones-almacenamiento-manipulacion-mercancias-peligrosas

Guía de seguridad integral emitida para instalaciones de almacenamiento y manipulación de mercancías peligrosas

Archivado en: <u>Logística</u> · <u>Mercancías peligrosas</u> · <u>ICHCA</u> · <u>IVODGA</u> · <u>NCB</u> · <u>WSC</u> · <u>Libro blanco de almacenamiento de mercancías</u> · <u>Guía de seguridad</u> · <u>Almacenamiento</u> · <u>Manipulación</u> <u>**REDACCIÓN** | MIÉRCOLES, 15 DE DICIEMBRE DE 2021, 09:47</u>



Los trágicos incidentes en Tianjin y Beirut han marcado una década de mayor preocupación por la seguridad de las mercancías peligrosas almacenadas en puertos, terminales y otras instalaciones de almacenamiento. Cuatro grupos de la industria han colaborado para

abordar el problema y producir pautas de mejores prácticas en forma de un Libro Blanco y una Lista de Verificación de Almacén

Ante el aumento de los volúmenes de mercancías peligrosas transportadas en contenedores marítimos y la ocurrencia de incidentes importantes, así como una plétora de accidentes menores, existe una clara necesidad de orientación sobre el almacenamiento y manipulación seguros de mercancías peligrosas en los almacenes, incluidos los puertos y instalaciones terminales. Sobre la base de su experiencia y conocimientos combinados, la Asociación Internacional de Coordinación de Manejo de Carga (ICHCA), la Asociación Internacional de Propietarios de Buques de Mercancías Peligrosas (IVODGA), la Oficina Nacional de Carga (NCB) y el Consejo Mundial de Transporte Marítimo (WSC) han respondido a este requisito crítico desarrollando un Libro blanco de almacenamiento de mercancías.

Al presentar el Libro Blanco, Uffe V Ernst-Frederiksen y Ken Rohlmann, ambos de IVODGA, destacan: "El almacenamiento temporal o a largo plazo de mercancías peligrosas en una instalación requiere una planificación cuidadosa, una supervisión y una diligencia debida continua. Si bien se ha informado ampliamente sobre los principales desastres en Beirut y Tianjin, hay muchos otros incidentes en todo el mundo que no reciben la misma atención, pero que tienen el potencial de intensificarse. Existen regulaciones internacionales, nacionales y locales para mercancías peligrosas en tránsito para varios modos de transporte, pero no existe un equivalente directo para los almacenes".

El Libro blanco sobre el almacenamiento de mercancías peligrosas, y la lista de verificación que lo acompaña, detallan los riesgos involucrados en el almacenamiento y manipulación de mercancías peligrosas y, lo que es más importante, las medidas que se deben tomar para contenerlas. Los temas cubiertos incluyen: competencia y formación de la fuerza laboral; construcción de propiedades; protección contra incendios; equipos y protocolos de seguridad y procedimientos de respuesta a emergencias. Está destinado a ser una guía práctica de los procesos sistemáticos y documentables para quienes gestionan y operan las instalaciones de almacenamiento para garantizar la seguridad continua, pero también que los incidentes se puedan contener cuando surjan.

"Un elemento fundamental de nuestra guía es una lista de verificación de almacén", afirma Richard Steele de ICHCA. "Dado nuestro objetivo de proporcionar una herramienta de gestión práctica, creemos que el formato de la lista de verificación es una adición significativa a los otros elementos del Libro Blanco. Desglosada en ocho áreas funcionales clave de operación, esta lista de verificación integral de 14 páginas está diseñada como una guía de planificación y una herramienta de revisión, así como como un dispositivo diario para mantener la vigilancia de la gestión de la seguridad ".

El Libro Blanco de Almacenamiento de Mercancías Peligrosas ha sido respaldado por partes interesadas influyentes de la industria, incluidos el Consejo Marítimo Internacional y del Báltico (BIMCO), la Oficina Internacional de Contenedores (BIC), la Asociación de Propietarios de Contenedores (COA), el Consejo de Transporte Seguro de Artículos Peligrosos (COSTHA), danés Envíos, Cámara Naviera Internacional (ICS), Federación Internacional de Asociaciones de Transitarios (FIATA), Grupo Internacional de Clubes P&I (IGP & I) y Through Transport Mutual Insurance Association Ltd (TT Club). "Hemos compartido nuestro trabajo con los reguladores marítimos pertinentes y la Organización Marítima Internacional (OMI)", afirma Steele, "y agradecemos cada oportunidad de trabajar con ellos en el desarrollo y perfeccionamiento de los instrumentos, códigos y circulares de seguridad de almacenamiento adecuados".



Maritime industry groups release Dangerous Goods Warehousing white paper



Ken Rohlmann, Hapag-LLoyd dangerous goods safety advisor

Four maritime industry groups have collaborated to develop a Dangerous Goods Warehousing White Paper in response to an increased volume of dangerous goods transported in containers and the occurrence of related incidents.

The International Cargo Handling Coordination Association (ICHCA), International Vessel Owners Dangerous Goods Association (IVODGA), National Cargo Bureau (NCB) and World Shipping Council (WCS) aim to produce best practice guidelines through the white paper.

Introducing the white paper, A.P. Moller Maersk's head of cargo management Uffe V Ernst-Frederiksen and Hapag-Lloyd's senior director and dangerous goods safety advisor Ken Rohlmann, both of

IVODGA, said: "The temporary or long-term storage of dangerous goods in a facility, necessitates the careful planning, supervision and continued due diligence.

"While the major disasters in Beirut and Tianjin have been widely reported, there are many other incidents around the globe that do not garner the same attention, but which have the potential to escalate. There are existing international, national and local regulations for dangerous goods in transit for various modes of transport but there is no direct equivalent for warehouses."

The Dangerous Goods Warehousing white paper, and its accompanying checklist, detail the risks involved in storing and handling dangerous goods and the measures to be taken in containing them.

Topics covered include: competency and training of workforces; property construction, fire protection; security equipment and protocols and emergency response procedures.

The white paper is intended as a practical guide to systematic and documentable processes for those managing and operating storage facilities to ensure on-going safety but also to ensure incidents are containable if and when they arise.

Richard Steele, head of ICHCA, said: "A pivotal element of our guidance is a Warehouse Checklist. Given our aim to provide a practical management tool, we believe the checklist format is a significant addition to the other elements of the white paper.

"Broken down into eight key functional areas of operation, this comprehensive 14-page checklist is designed as both a planning guideline and a review tool, as well as an everyday device for maintaining safety management vigilance."

The Dangerous Goods Warehousing White Paper has been endorsed by influential industry stakeholders including Baltic and International Maritime Council (BIMCO), Bureau International des Containers (BIC), Container Owners Association (COA), the International Chamber of Shipping (ICS) and more.



https://app.croneri.co.uk/whats-new/safety-guidance-issued-dangerous-goods-storage-and-handling

Safety guidance issued for dangerous goods storage and handling

22 December 2021

Following increased concern over the safety of dangerous goods stored in ports, terminals and other warehousing facilities, four industry groups have collaborated to produce best practice guidelines in the form of a White Paper and Warehouse Checklist.

In the face of increased volumes of dangerous goods transported in sea containers, and the occurrence of major incidents such as the 2020 Beirut explosion when a large amount of ammonium nitrate exploded, there is seen to be a clear need for guidance on safe storage and handling of dangerous goods in warehouses, including port and terminal facilities.

The International Cargo Handling Coordination Association (ICHCA), International Vessel Owners Dangerous Goods Association (IVODGA), National Cargo Bureau (NCB) and World Shipping Council (WSC) have responded by developing this guidance.

Available at https://ichca.com/warehousing-safety-guidance, the Dangerous Goods Warehousing White Paper and its accompanying Checklist detail the risks involved in storing and handling dangerous goods and, importantly the measures to be taken in containing them.

Topics covered include: competency and training of workforces; property construction; fire protection; security equipment and protocols and emergency response procedures.

It is intended as a practical guide to systematic and documentable processes for those managing and operating storage facilities to ensure on-going safety but also emphasises that incidents are containable if and when they arise.

Richard Steele of ICHCA said: "Given our aim to provide a practical management tool, we believe the Checklist format is a significant addition to the other elements of the White Paper. Broken down into eight key functional areas of operation, this comprehensive 14-page Checklist is designed as both a planning guideline and a review tool, as well as an everyday device for maintaining safety management vigilance".



https://www.gefahrgut.de/themen/seeverkehr--imdg-code/leitfaden-fuer-lager-und-umschlaganlagen

Leitfaden für Lager- und Umschlaganlagen

Die Branchenverbände ICHCA, IVODGA, NCB und WSC haben ein Whitepaper und eine Checkliste für die Lagerung gefährlicher Güter erstellt.

15.12.2021 | Seeverkehr - IMDG-Code | Arbeitshilfen

(skl) Nicht zuletzt durch die Unglücke in Tianjin (China, 2015) und Beirut (Libanon, 2020) wuchs allgemein die Besorgnis über die sichere Lagerung gefährlicher Güter in Häfen, Terminals und anderen Lagereinrichtungen. Zugleich stieg das Aufkommen von Gefahrgütern, insbesondere auch im containerisierten Seeverkehr. Vor diesem Hintergrund haben vier Branchenverbände nun einen Best-Practice-Leitfaden in Form eines Whitepapers und einer Lager-Checkliste erstellt.

Die International Cargo Handling Coordination Association (ICHCA), die International Vessel Owners Dangerous Goods Association (IVODGA), das National Cargo Bureau (NCB) und der World Shipping Council (WSC) haben das Whitepaper auf Basis ihrer Expertise und Erfahrung entwickelt. Bei der Vorstellung betonten Uffe Ernst-Frederiksen und Ken Rohlmann von der IVODGA: "Die vorübergehende oder langfristige Lagerung von Gefahrgut in einer Anlage erfordert eine sorgfältige Planung, Überwachung und kontinuierliche Sorgfaltspflicht. Während über die großen Katastrophen in Beirut und Tianjin weithin berichtet wurde, gibt es viele andere Vorfälle auf der ganzen Welt, die nicht die gleiche Aufmerksamkeit erregen, aber das Potenzial haben zu eskalieren. Es gibt internationale, nationale und lokale Vorschriften für gefährliche Güter beim Transport – und das für alle Verkehrsträger –, aber keine direkte Entsprechung für die Lagerung."

Das neue Whitepaper über Gefahrgutlagerung und die dazugehörige Checkliste beschreiben die Risiken bei der Lagerung und dem Umschlag gefährlicher Güter und vor allem die für deren Eindämmung zu treffenden Maßnahmen. Dazu gehören: Schulung der Arbeitskräfte, Bau von Immobilien, Brandschutz und Notfallmaßnahmen. Es soll ein praktischer Leitfaden für systematische und dokumentierbare Prozesse für diejenigen sein, die Lagerstätten verwalten oder betreiben, um präventive Sicherheit zu gewährleisten, aber auch Vorfälle einzudämmen, falls diese dennoch auftreten.

Ein zentrales Element der Leitlinien ist eine umfassende, 14-seitige Lager-Checkliste. "Angesichts unseres Bestrebens, ein praktisches Management-Tool bereitzustellen, glauben wir, dass das Checklisten-Format eine wichtige Ergänzung zu den anderen Elementen des Whitepapers ist", so Richard Steele von der ICHCA. Die gesamte Publikation sei bei der Erstellung außerdem mit zuständigen Seeaufsichtsbehörden und der International Maritime Organization (IMO) geteilt worden.



WAREHOUSE SAFETY

by Industry News - Dec 15, 2021



Incidents such as those that occurred in Tianjin and Beirut have highlighted the fact that, while the transport of dangerous goods is well regulated around the world, the same cannot be said of warehouse storage, the regulation of which is often local and not necessarily well observed.

To address this gap, four industry groups have come together to develop a checklist for dangerous goods warehousing and have published a Dangerous Goods Warehousing White Paper, detailing the risks involved in storing and handling dangerous goods and, importantly, the measures that need to be in place to contain them. The White Paper is authored by the International Cargo Handling Coordination Association (ICHCA), the International Vessel Owners Dangerous Goods Association (IVODGA), the National Cargo Bureau (NCB) and the World Shipping Council (WSC).

"The temporary or long-term storage of dangerous goods in a facility necessitates careful planning, supervision and continued due diligence," says Uffe Ernst-Frederiksen and Ken Rohlmann, representing IVODGA. "While the major disasters in Beirut and Tianjin have been widely reported, there are many other incidents around the globe that do not garner the same attention, but which have the potential to escalate. There are existing international, national and local regulations for dangerous goods in transit for various modes of transport but there is no direct equivalent for warehouses."

The White Paper and checklist can be freely downloaded from the WSC website at <u>Comprehensive Safety Guidance Issued for Dangerous Goods Storage and Handling Facilities — World Shipping Council</u>



Comprehensive Safety Guidance Issued for Dangerous Goods Storage and Handling Facilities

in International Shipping News 15/12/2021

In the face of increased volumes of dangerous goods transported in sea containers, and the occurrence of major incidents as well as a plethora of lesser accidents, there is a clear need for guidance on safe storage and handling of dangerous goods in warehouses, including port and terminal facilities. Building on their combined expertise and experience, International Cargo Handling Coordination Association (ICHCA), International Vessel Owners Dangerous Goods Association (IVODGA), National Cargo Bureau (NCB) and World Shipping Council (WSC) have responded to this critical requirement by developing a Dangerous Goods Warehousing White Paper.

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"A pivotal element of our guidance is a Warehouse Checklist," states Richard Steele of ICHCA. "Given our aim to provide a practical management tool, we believe the Checklist format is a significant addition to the other elements of the White Paper. Broken down into eight key functional areas of operation, this comprehensive 14-page Checklist is designed as both a planning guideline and a review tool, as well as an everyday device for maintaining safety management vigilance." The Dangerous Goods Warehousing White Paper has been endorsed by influential industry stakeholders including Baltic and International Maritime Council (BIMCO), Bureau International des Containers (BIC), Container Owners Association (COA), Council on Safe Transportation of Hazardous Articles (COSTHA), Danish Shipping, International Chamber of Shipping (ICS), International Federation of Freight Forwarders Association (FIATA), International Group of P&I Clubs (IGP&I) and Through Transport Mutual Insurance Association Ltd (TT Club). "We have shared our work with the relevant maritime regulators and the International Maritime Organization (IMO)," states Steele, "And we welcome every opportunity to work with them on developing and refining appropriate warehousing safety instruments, codes and circulars."

Guidance provided for safe storage ashore

Container safety organisations release white paper and check list for handling of dangerous goods on the land side

- 15 Dec 2021
- NFWS

James Baker@JamesBakerCl james.baker@informa.com

Casualties such as Tianjin and Beirut demonstrate hazardous cargoes are not just a risk at sea. New guidelines provide advice for warehousing and storage at ports and in the hinterland



Source: Hiba Kallas / Alamy Stock PhotoTHE EXPLOSION IN BEIRUT IN 2020 DEMONSTRATED THE DANGERS OF POORLY STORED HAZARDOUS GOODS.

GROUPS focused on the safety of hazardous cargoes carried in containers have released a <u>white paper</u> and <u>checklist</u> designed to assist in the safe storage and warehousing of dangerous goods ashore.

While the focus of attention is often on the impact of insecurely packaged or misdeclared dangerous goods when something goes wrong at sea, casualties such as the explosions

in <u>Tianjin</u> in 2015 and in <u>Beirut</u> in 2020 demonstrate that landside operations can be equally at risk.

There is a "clear need for guidance" on safe storage and handling of dangerous goods in warehouses, including port and terminal facilities, according to the paper from the International Cargo Handling Coordination Association, International Vessel Owners Dangerous Goods Association, National Cargo Bureau and World Shipping Council.

"The temporary or long-term storage of dangerous goods in a facility necessitates careful planning, supervision and continued due diligence," wrote International Vessel Owners Dangerous Goods Association representatives Uffe Ernst-Frederiksen and Ken Rohlmann. "While the major disasters in Beirut and Tianjin have been widely reported, there are many other incidents around the globe that do not garner the same attention, but which have the potential to escalate.

"There are existing international, national and local regulations for dangerous goods in transit for various modes of transport but there is no direct equivalent for warehouses."

The white paper and checklist detail the risks in storing and handling dangerous goods, as well as measures that should be taken to contain them.

It is designed to be a practical guide to "systematic and documentable processes" for those managing and operating storage facilities to ensure ongoing safety but also that incidents are containable if and when they arise.

"A pivotal element of our guidance is a warehouse checklist," said Richard Steele, chief executive of the International Cargo Handling Coordination Association. "Broken down into eight key functional areas of operation, this comprehensive 14-page checklist is designed as both a planning guideline and a review tool, as well as an everyday device for maintaining safety management vigilance."

The dangerous goods warehousing white paper has been endorsed by BIMCO, the International Federation of Freight Forwarders Association and the International Group, among others.

"We have shared our work with the relevant maritime regulators and the International Maritime Organization," Mr Steele said. "We welcome every opportunity to work with them on developing and refining appropriate warehousing safety instruments, codes and circulars."



Comprehensive safety guidance issued for dangerous goods storage and handling



By <u>LoadstarEditorial</u> 14/12/2021

The tragic incidents in Tianjin and Beirut have marked a decade of increased concern over the safety of dangerous goods stored in ports, terminals and other warehousing facilities. Four industry groups have collaborated to address the issue and produce best practice guidelines in the form of a White Paper and Warehouse Checklist.

14 December, 2021

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Both the Dangerous Goods Warehousing White Paper and Checklist are downloadable from here https://ichca.com/warehousing-safety-guidance



Comprehensive Safety Guidance Issued For Dangerous Goods Storage And Handling Facilities

By MI News Network | In: Shipping News | Last Updated on December 15, 2021

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The Maritime Advocate (Online)



18 December 2020

Dangerous goods

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"A pivotal element of our guidance is a Warehouse Checklist," states Richard Steele of ICHCA. "Given our aim to provide a practical management tool, we believe the Checklist format is a significant addition to the other elements of the White Paper. Broken down into eight key functional areas of operation, this comprehensive 14-page Checklist is designed as both a planning guideline and a review tool, as well as an everyday device for maintaining safety management vigilance."

The Dangerous Goods Warehousing White Paper has been endorsed by influential industry stakeholders including Baltic and International Maritime Council (BIMCO), Bureau International des Containers (BIC), Container Owners Association (COA), Council on Safe Transportation of Hazardous Articles (COSTHA), Danish Shipping, International Chamber of Shipping (ICS), International Federation of Freight Forwarders Association (FIATA),

International Group of P&I Clubs (IGP&I) and Through Transport Mutual Insurance Association Ltd (TT Club). "We have shared our work with the relevant maritime regulators and the International Maritime Organization (IMO)," states Steele, "And we welcome every opportunity to work with them on developing and refining appropriate warehousing safety instruments, codes and circulars."

Both the Dangerous Goods Warehousing White Paper and Checklist are downloadable from here https://ichca.com/warehousing-safety-guidance



https://www.maritimegateway.com/guidelines-on-dangerous-goods/

Guidelines on dangerous goods

The International Cargo Handling Coordination Association, International Vessel Owners Dangerous Goods Association, National Cargo Bureau and the World Shipping Council are developing a dangerous goods warehousing whitepaper.

- December 27, 2021
- 9:51 pm



The tragic incidents in Tianjin (in 2015 — left 170 dead) and Beirut (in 2020 — left 200 dead) have marked a decade of increased concern over the safety of dangerous goods stored in ports, terminals and other warehousing facilities. Four international industry groups have collaborated to address this issue and produce best practice guidelines in the form of a whitepaper and warehouse checklist.

Back home at Visakhapatnam, in May 2020, about 5,000 tonnes of styrene gas leakage in a plant left 11 people and many animals dead from the exposure, and hundreds of people were admitted to the hospital with burning sensations, especially in their eyes. This happened when officials were trying to restart the plant after it was shut for over a month due to Covid-19 lockdown.

Guidance for storage

These incidents show what can happen if procedures for dealing with such eventualities are either not developed, not followed or staff have insufficient training. The International Cargo Handling Coordination Association, International Vessel Owners Dangerous Goods Association (IVODGA), National Cargo Bureau and the World Shipping Council have responded to this critical requirement by developing a dangerous goods warehousing whitepaper titled 'Storage and Handling of Dangerous Goods', in preparation for or after sea-transport.

The whitepaper offers practical guidance for systematic and documentable processes and advice to those responsible for the storage and consolidation of dangerous goods to ensure that such storage is not only safe, but they are containable if an incident arises. The checklist supports these considerations and measures.

Uffe V Ernst-Frederiksen and Ken Rohlmann of IVODGA says that the temporary or long-term storage of dangerous goods in a facility, necessitates careful planning, supervision and continued due diligence. While the major disasters in Beirut and Tianjin have been widely reported, there are many other incidents globally that do not garner the same attention, but which have the potential to escalate. There are existing international, national and local regulations for dangerous goods in transit for various modes of transport, but there is no direct equivalent for warehouses.

The whitepaper covers topics like competency and training of workforces; property construction; fire protection; security equipment and protocols and emergency response procedures. It is a practical guide to systematic and documentable processes for those managing and operating storage facilities to ensure on-going safety.

Widely recognised

The whitepaper has been endorsed by industry stakeholders like Baltic and International Maritime Council and Container Owners Association and has been shared with International Maritime Organization to include it and the checklist in various instruments, codes and circulars published by the IMO.

B Govindarajan, Chief Operating Officer, Tirwin Management Services (P) Ltd and an expert in handling hazardous cargo said that unlike the storage of dangerous goods in air cargo terminals, the storage in seaports pose significant

risk. This is due to factors like vast areas of operation; high volume kept for long duration and climatic conditions closer to the sea. It is good that the whitepaper suggests procedures to be followed in storing of dangerous goods in seaports, he said.

A major concern in India is the storage of dangerous goods in container freight stations and inland container depots since they skip the surveillance and control of maritime regulatory authorities in implementation of safety standards. This was evident when large quantities of ammonium nitrate were found in one of the CFS near Chennai, he added.

Source: The Hindu Businessline

Comprehensive safety guidance issued for dangerous goods storage and handling

14 December 2021



The tragic incidents in Tianjin and Beirut have marked a decade of increased concern over the safety of dangerous goods stored in ports, terminals and other warehousing facilities. Four industry groups have collaborated to address the issue and produce best practice guidelines in the form of a White Paper and Warehouse Checklist.

14 December, 2021

In the face of increased volumes of dangerous goods transported in sea containers, and the occurrence of ...

The post Comprehensive safety guidance...

https://theloadstar.com/comprehensive-safety-guidance-issued-for-dangerous-goods-storage-and-handling/



https://www.mhlnews.com/transportation-distribution/article/21183674/new-safety-guidance-for-dangerous-goods-storage



TRANSPORTATION & DISTRIBUTION

New Safety Guidance for Dangerous Goods Storage

Dec. 20, 2021

"There are existing international, national and local regulations for dangerous goods in transit for various modes of transport but there is no direct equivalent for warehouses."

A number of safety factors have arisen in how goods are stored and the facilities where they are stored. Given the increased volumes of dangerous goods transported in sea containers, and the occurrence of both major and minor incidents, some industry groups have joined to issue guidance on safe storage and handling of dangerous goods in warehouses, including port and terminal facilities.

The International Cargo Handling Coordination Association (ICHCA), International Vessel Owners Dangerous Goods Association (IVODGA), National Cargo Bureau (NCB) and World Shipping Council (WSC) have responded to this critical requirement by releasing on December 15, a whitepaper entitled, "Dangerous Goods Warehousing."

"The temporary or long-term storage of dangerous goods in a facility, necessitates careful planning, supervision and continued due diligence," noted Uffe V Ernst-Frederiksen and

Ken Rohlmann both of IVODGA, in the paper. "While the major disasters in Beirut and Tianjin have been widely reported, there are many other incidents around the globe that do not garner the same attention, but which have the potential to escalate. There are existing international, national and local regulations for dangerous goods in transit for various modes of transport but there is no direct equivalent for warehouses."

The paper details the risks involved in storing and handling dangerous goods and, importantly the measures to be taken in containing them. Topics covered include competency and training of workforces; property construction; fire protection; security equipment and protocols and emergency response procedures. It is intended as a practical guide to systematic and documentable processes for those managing and operating storage facilities to ensure ongoing safety but also that incidents are containable if and when they arise.

"A pivotal element of our guidance is a Warehouse Checklist," states Richard Steele of ICHCA. "Given our aim to provide a practical management tool, we believe the Checklist format is a significant addition to the other elements of the White Paper. Broken down into eight key functional areas of operation, this comprehensive 14-page Checklist is designed as both a planning guideline and a review tool, as well as an everyday device for maintaining safety management vigilance."

The Dangerous Goods Warehousing White Paper has been endorsed by influential industry stakeholders including Baltic and International Maritime Council (BIMCO), Bureau International des Containers (BIC), Container Owners Association (COA), Council on Safe Transportation of Hazardous Articles (COSTHA), Danish Shipping, International Chamber of Shipping (ICS), International Federation of Freight Forwarders Association (FIATA), International Group of P&I Clubs (IGP&I) and Through Transport Mutual Insurance Association Ltd (TT Club).



Dangerous Goods: Industry groups develop Warehousing White Paper

15/12/2021 admin Uncategorized 0



In the face of increased volumes of dangerous goods transported in sea containers, and the occurrence of major incidents as well as a plethora of lesser accidents, there is a clear need for guidance on safe storage and handling of dangerous goods in warehouses, including port and terminal facilities.

Building on their combined expertise and experience, International Cargo Handling Coordination Association (ICHCA), International Vessel Owners Dangerous Goods Association (IVODGA), National Cargo Bureau (NCB) and World Shipping Council (WSC) have responded to this critical requirement by developing a Dangerous Goods Warehousing White Paper.

In introducing the White Paper, Uffe V Ernst-Frederiksen and Ken Rohlmann both of IVODGA highlight: "The temporary or long-term storage of dangerous goods in a facility, necessitates careful planning, supervision and continued due diligence. While the major disasters in Beirut and Tianjin have been widely reported, there are many other incidents around the globe that do not garner the same attention but have the potential to escalate. There are existing international, national and local regulations for dangerous goods in transit for various modes of transport but there is no direct equivalent for warehouses."

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Dangerous goods safety guidance

By Rebecca Strong 17/12/2021

Four industry groups have come together to produce best practice guidelines on storing and handling dangerous goods at warehouses, ports and terminals.

In August 2015, a series of explosion at the <u>Port of Tianjin</u> killed 173 people, whilst in August 2020 218 people lost their lives and another 7,000 were injured at the <u>Port of Beirut</u>. Both incidents were caused by ammonium nitrate, which was stored at the ports, exploding.



The Port of Beirut

"The temporary or long-term storage of dangerous goods in a facility, necessitates careful planning, supervision and continued due diligence," said Uffe V Ernst-Frederiksen and Ken Rohlmann both of International Vessel Owners Dangerous Goods Association (IVODGA), which has collaborated on the guidelines.

"There are existing international, national and local regulations for dangerous goods in transit for various modes of transport but there is no direct equivalent for warehouses," they added.

The Dangerous Goods Warehousing White Paper and its accompanying Checklist is a collaboration between the IVODGA, the International Cargo Handling Coordination Association (ICHCA), National Cargo Bureau (NCB) and World Shipping Council (WSC). Together they detail the risks involved when handling dangerous goods and the measures to be taken in containing them.

Topics covered include competency and training of workforces, property construction, fire protection, security equipment and protocols and emergency response procedures.news

Guidelines published for safe storage and handling of dangerous goods

by The Editorial Team

December 15, 2021

in Loss Prevention

After the tragic explosions in Tianjin and Beirut, four industry groups collaborated to address this dangerous issue, as they produced best practice guidelines.

Namely, the International Cargo Handling Coordination Association (ICHCA), the International Vessel Owners Dangerous Goods Association (IVODGA), the National Cargo Bureau (NCB) and the World Shipping Council (WSC) have published a dangerous goods warehousing white paper.

The white paper and its accompanying checklist, present the risks involved in storing and handling dangerous goods, as well as the measures to be taken in containing them.

More specifically, topics covered include:

- Competency and training of workforces;
- Property construction;
- Fire protection;
- Security equipment and protocols;
- Emergency response procedures.

It also aims to serve as a practical guide to systematic and documentable processes for those managing and operating storage facilities, in order to ensure, but also that incidents are containable.

The white paper contains eight key functional areas of operation, while the 14-page checklist aims to be both a planning guideline and a review tool.

It has also been endorsed by many industry stakeholders including BIMCO, the Bureau International des Containers (BIC), the TT Club, the International Group of P&I Clubs, the International Maritime Organization and the International Federation of Freight Forwarders Association (FIATA).

EXPLORE MORE ON THE GUIDELINES FOR DANGEROUS GOODS STORAGE



ICHCA issues safety guidance for dangerous goods storage and handling facilities.

Tragic incidents in Tianjin and Beirut have marked a decade of increased concern over the safety of dangerous goods stored in ports, terminals and other warehousing facilities. Four industry groups have collaborated to address the issue and produce best practice guidelines in the form of a White Paper and Warehouse Checklist.

Post date December 15, 2021



In the face of increased volumes of dangerous goods transported in sea containers, and the occurrence of major incidents as well as a plethora of lesser accidents, there is a clear need for guidance on safe storage and handling of dangerous goods in warehouses, including port and terminal facilities. Building on their combined expertise and experience, International Cargo Handling Coordination Association (ICHCA), International Vessel Owners Dangerous Goods Association (IVODGA), National Cargo Bureau (NCB) and World

Shipping Council (WSC) have responded to this critical requirement by developing a Dangerous Goods Warehousing White Paper.

In introducing the White Paper, Uffe V Ernst-Frederiksen and Ken Rohlmann both of IVODGA highlighted, "The temporary or long-term storage of dangerous goods in a facility, necessitates careful planning, supervision and continued due diligence. While the major disasters in Beirut and Tianjin have been widely reported, there are many other incidents around the globe that do not garner the same attention, but which have the potential to escalate. There are existing international, national and local regulations for dangerous goods in transit for various modes of transport but there is no direct equivalent for warehouses."

The Dangerous Goods Warehousing White Paper, and its accompanying Checklist, detail the risks involved in storing and handling dangerous goods and, importantly the measures to be taken in containing them. Topics covered include competency and training of workforces; property construction; fire protection; security equipment and protocols and emergency response procedures. It is intended as a practical guide to systematic and documentable processes for those managing and operating storage facilities to ensure on-going safety but also that incidents are containable if and when they arise.

"A pivotal element of our guidance is a Warehouse Checklist," stated Richard Steele of ICHCA. "Given our aim to provide a practical management tool, we believe the Checklist format is a significant addition to the other elements of the White Paper. Broken down into eight key functional areas of operation, this comprehensive 14-page Checklist is designed as both a planning guideline and a review tool, as well as an everyday device for maintaining safety management vigilance."

The Dangerous Goods Warehousing White Paper has been endorsed by influential industry stakeholders including BIMCO, Bureau International des Containers (BIC), Container Owners Association (COA), Council on Safe Transportation of Hazardous Articles (COSTHA), Danish Shipping, International Chamber of Shipping (ICS), International Federation of Freight Forwarders Association (FIATA), International Group of P&I Clubs (IGP&I) and Through Transport Mutual Insurance Association Ltd (TT Club). "We have shared our work with the relevant maritime regulators and the IMO," stated Steele, "And we welcome every opportunity to work with them on developing and refining appropriate warehousing safety instruments, codes and circulars."

Both the Dangerous Goods Warehousing White Paper and Checklist are downloadable from here https://ichca.com/warehousing-safety-guidance

Guidelines produced to avoid Beirut style port blasts

Sam Chambers December 15, 2021





The tragic explosions in <u>Tianjin</u> and <u>Beirut</u> have marked a decade of increased concern over the safety of dangerous goods stored in ports, terminals and other warehousing facilities. The giant explosions that rocked both port cities – so large they could be seen from space – both came from poorly stored dangerous goods in warehouses.

Four industry groups have collaborated to address this dangerous issue, producing best practice guidelines in the form of a <u>white paper</u> and warehouse checklist.

In the face of increased volumes of dangerous goods transported in containers, and the occurrence of major incidents as well as a plethora of lesser accidents, there is a need for guidance on safe storage and handling of dangerous goods in warehouses, including port and terminal facilities. Building on their combined expertise and experience, the International Cargo Handling Coordination Association (ICHCA), the International Vessel

Owners Dangerous Goods Association (IVODGA), the National Cargo Bureau (NCB) and the World Shipping Council (WSC) have published a dangerous goods warehousing white paper.

While there are existing international, national and local regulations for dangerous goods in transit for various modes of transport there is no direct equivalent for warehouses.

The dangerous goods warehousing white paper, and its accompanying checklist, detail the risks involved in storing and handling dangerous goods and, importantly the measures to be taken in containing them. Topics covered include: competency and training of workforces; property construction; fire protection; security equipment and protocols and emergency response procedures. It is intended as a practical guide to systematic and documentable processes for those managing and operating storage facilities to ensure ongoing safety but also that incidents are containable if and when they arise.

Broken down into eight key functional areas of operation, this comprehensive 14-page checklist is designed as both a planning guideline and a review tool, as well as an everyday device for maintaining safety management vigilance.

The white paper has been endorsed by many industry stakeholders including BIMCO, the Bureau International des Containers (BIC), the TT Club, the International Group of P&I Clubs, the International Maritime Organization and the International Federation of Freight Forwarders Association (FIATA).



Safety guidance issued for dangerous goods storage

DUBAI, 21 hours, 58 minutes ago

A 'Dangerous Goods Warehousing White Paper' has been developed in the face of increased volumes of dangerous goods transported in sea containers, and the occurrence of major incidents as well as a plethora of lesser accidents.

Those behind the White Paper are International Cargo Handling Coordination Association (ICHCA), International Vessel Owners Dangerous Goods Association (IVODGA), National Cargo Bureau (NCB) and World Shipping Council (WSC).

In introducing the White Paper, Uffe V Ernst-Frederiksen and Ken Rohlmann both of IVODGA highlight: "The temporary or long-term storage of dangerous goods in a facility, necessitates careful planning, supervision and continued due diligence. While the major disasters in Beirut and Tianjin have been widely reported, there are many other incidents around the globe that do not garner the same attention, but which have the potential to escalate. There are existing international, national and local regulations for dangerous goods in transit for various modes of transport but there is no direct equivalent for warehouses."

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- TradeArabia News Service

ICHCA and Partners Issue Comprehensive Safety Guidance Issued for Dangerous Goods Storage and Handling Facilities

The tragic incidents in Tianjin and Beirut have marked a decade of increased concern over the safety of dangerous goods stored in ports, terminals and other warehousing facilities. ICHCA and three other industry groups have collaborated to address the issue and produce best practice guidelines in the form of a White Paper and Warehouse Checklist.

In the face of increased volumes of dangerous goods transported in sea containers, and the occurrence of major incidents as well as lesser accidents, there is a clear need for guidance on safe storage and handling of dangerous goods in warehouses, including port and terminal facilities. Building on our combined expertise and experience, <u>ICHCA</u> International alongside our colleagues in the International Vessel Owners Dangerous Goods Association (IVODGA), National Cargo Bureau (NCB) and World Shipping Council (WSC) have responded to this critical requirement by developing a Dangerous Goods Warehousing White Paper.

"A pivotal element of our guidance is a Warehouse Checklist. Given our aim to provide a practical management tool, we believe the Checklist format is a significant addition to the other <u>elements</u> of the White Paper. Broken down into eight key functional areas of operation, this comprehensive 14-page Checklist is designed as both a planning guideline and a review tool, as well as an everyday device for maintaining safety management vigilance."

- Richard Steele, CEO ICHCA International

The Dangerous Goods Warehousing White Paper, and its accompanying Checklist, detail the risks involved in storing and handling dangerous goods and, importantly the measures to be taken in containing them. Topics covered include: competency and training of workforces; property construction; fire protection; security equipment and protocols and emergency response procedures. It is intended as a practical guide to

systematic and documentable processes for those managing and operating storage facilities to ensure on-going safety but also that incidents are containable if they arise.

At the time of publication, the Dangerous Goods Warehousing White Paper has already been endorsed by influential industry stakeholders including Baltic and International Maritime Council (BIMCO), Bureau International des Containers (BIC), Container Owners Association (COA), Council on Safe Transportation of Hazardous Articles (COSTHA), Danish Shipping, International Chamber of Shipping (ICS), International Federation of Freight Forwarders Association (FIATA), International Group of P&I Clubs (IGP&I) and Through Transport Mutual Insurance Association Ltd (TT Club).

For the Warehousing White Paper and Warehousing White Paper Checklist click here: https://ichca.com/warehousing-safety-guidance

https://ichca.com/wp-content/uploads/2021/12/Warehousing-White-Paper_December-2021.pdf



Dangerous goods storage in warehouses

News 14 Dec 2021 by WCN Editorial

Leading industry associations have published new guidelines and a checklist for ensuring that dangerous goods are stored safely in warehouses in ports and elsewhere



In the face of increased volumes of dangerous goods transported in sea containers, and the occurrence of major incidents as well as a plethora of lesser accidents, there is a clear need for guidance on safe storage and handling of dangerous goods in warehouses, including port and terminal facilities.

Accordingly, the International Cargo Handling Coordination Association (ICHCA), International Vessel Owners Dangerous Goods Association (IVODGA), National Cargo Bureau (NCB) and World Shipping Council (WSC) have developed a Dangerous Goods Warehousing White Paper.

In introducing the White Paper, Uffe V Ernst-Frederiksen and Ken Rohlmann, both of IVODGA, say: "The temporary or long-term storage of dangerous goods in a facility, necessitates careful planning, supervision and continued due diligence. While the major disasters in Beirut and Tianjin have been widely reported, there are many other incidents around the globe that do not garner the same attention, but which have the potential to escalate. There are existing international, national and local regulations for dangerous goods in transit for various modes of transport but there is no direct equivalent for warehouses."

The Dangerous Goods Warehousing White Paper, and its accompanying Checklist, detail the risks involved in storing and handling dangerous goods and, importantly the measures to be taken in containing them, say the joint authors. Topics covered include: competency and training of workforces; property construction; fire protection; security equipment and protocols and emergency response procedures. It is intended as a practical guide to systematic and documentable processes for those managing and operating storage facilities to ensure on-going safety but also that incidents are containable if and when they arise.

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"We have shared our work with the relevant maritime regulators and the International Maritime Organization (IMO)," states Steele, "And we welcome every opportunity to work with them on developing and refining appropriate warehousing safety instruments, codes and circulars."

Both the Dangerous Goods Warehousing White Paper and Checklist are downloadable here.



LOGISTICS 14 DECEMBER, 2021

Safety guidance issued for dangerous goods storage

Those behind the White Paper are International Cargo Handling Coordination Association (ICHCA), International Vessel Owners Dangerous Goods Association (IVODGA), National Cargo Bureau (NCB) and World Shipping Council (WSC)

By Staff Writer, TradeArabia

A 'Dangerous Goods Warehousing White Paper' has been developed in the face of increased volumes of dangerous goods transported in sea containers, and the occurrence of major incidents as well as a plethora of lesser accidents.

Those behind the White Paper are International Cargo Handling Coordination Association (ICHCA), International Vessel Owners Dangerous Goods Association (IVODGA), National Cargo Bureau (NCB) and World Shipping Council (WSC).

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