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YEARS

# Storage Risks: Loss Prevention and Underwriting Considerations

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IUMI Warehouse Webinar  
March 23, 2022

# Warehouse Whitepaper and Checklist



Catalyst for development of whitepaper and checklist include:

- Increasing number of losses and recent catastrophic events
- No uniformly adopted industry standards
- No specific international legislation for warehouse storage





## Target Audience

- Warehouse Owners
- Warehouse Operators
- Insurers (Property, Cargo, Legal Liability, etc.)
- Port Operators
- Shippers
- Carriers

# Warehouse Defined

- Consolidation Warehouses
- Cross Dock Warehouses
- Bulk Warehouses
- Distribution Centers
- Fulfillment Houses
- Cold Storage Facilities
- Waterfront / Marine Terminal Facilities



# Key Elements and Considerations

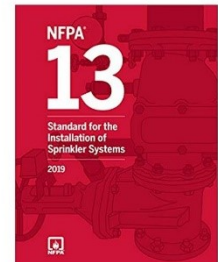
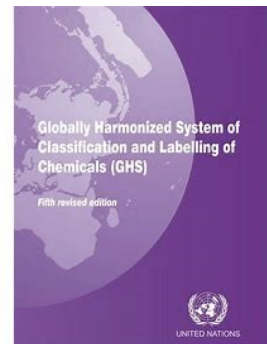
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- Adherence to applicable standards
- Workforce integrity
- Warehouse construction
- Operational controls
- DG Storage conditions
- Fire protection and security
- Emergency response



# Adherence to applicable standards

- Minimum Requirement of Duty Holder
- Mandatory or Voluntary Compliance
- Indication of robust Safety Culture



# Workforce Integrity

- Documented Screening Process
- Formal Induction / Training
- Identification
- Documented Termination and Rehiring Processes





# Warehouse Construction

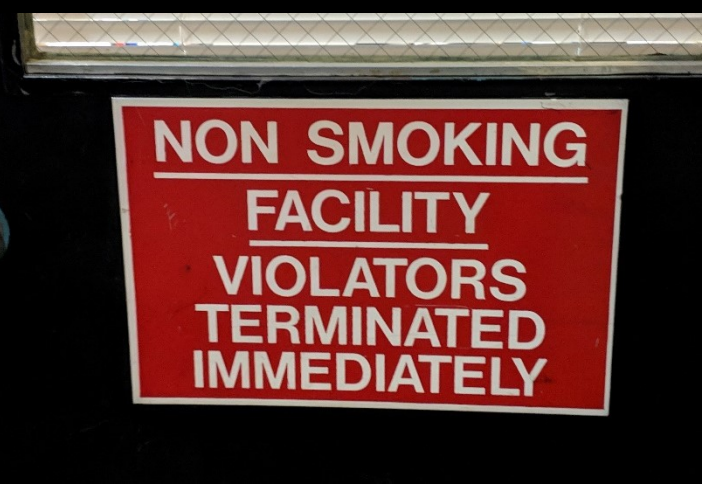
- Adherence to applicable building codes
- Protection for Utilities
- Adequate Lighting and Ventilation
- Emergency Power
- Proper Maintenance





**Operational Controls**

- Storage Systems
- Cargo Handling Equipment
- Pallet Management
- Housekeeping Practices
- Smoking Requirements



# DG Storage Conditions

- DG Acceptance processes
- Storage Restrictions and Permitting Requirements
- Dedicated Personnel
- Segregation of Incompatible Goods
- Inventory Management
- Packaging, Marking, Labeling and Placarding



# Fire Protection

- Programs and Procedures
- Sensors and Alarms
- Fire Protection Equipment
- Firewater Retention



# Security

- Risk / Vulnerability Assessments
- Perimeter Security
- Warehouse Access
- Cargo Integrity
- Security Systems
- Policy and Procedures
- IT Security



A guidebook intended for use by first responders during the initial phase of a transportation incident involving hazardous materials/dangerous goods

# 2020 EMERGENCY RESPONSE GUIDEBOOK



## Emergency Response

- Emergency Response Plan
- Emergency Response Personnel
- Emergency Response Information
- First Aid



## Conclusions

- The checklist should be useful to a broad range of stakeholders that may wish to carry out audits or inspections.
- It will apply to a wide range of storage facilities
- It should assist in making warehouses safer and more secure.
- It should also assist duty holders to be better prepared to react effectively if an incident occurs



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