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**INDUSTRY STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

MH/T 1073-2020

**Safety management regulations for air transportation and
storage places of dangerous goods
(English Translation)**

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Foreword

This standard was drafted in accordance with the rules given in GB/T 1.1-2009.

This standard was proposed by the Transportation Department of the Civil Aviation Administration of China.

This standard was approved by the Aircraft Airworthiness Certification Department of the Civil Aviation Administration of China.

This standard is under the jurisdiction of the China Academy of Civil Aviation Science and Technology.

Drafting organizations of this standard. China Civil Aviation Science and Technology Research Institute, Guangdong Civil Aviation Regulatory Bureau, Shanghai Pudong International Airport Cargo Terminal Co., Ltd., Guangzhou Baiyun International Airport Co., Ltd., Air China Cargo Co., Ltd., Capital Airport Group Corporation, China Eastern Airlines Logistics Co., Ltd.

Limited company.

1 Scope

This standard specifies the air transportation storage sites, storage operations and storage safety management of dangerous goods by carriers or ground service agents the basic requirements.

This standard applies to the safety of air transportation and storage activities of dangerous goods carried out by carriers or ground service agents in the airport control area.

Full management.

This standard does not apply to.

- a) The carrier or ground handling agent is engaged in the management of dangerous goods storage business activities;
- b) Storage management of dangerous goods in aviation equipment, but when dangerous goods in aviation equipment are transported by air as dangerous goods, they should when performing storage management in accordance with this standard;
- c) Mail air transportation storage management;
- d) Storage management of dangerous goods in luggage;
- e) The temporary placement of dangerous goods in the airport control area and outside of the dangerous goods air transportation storage site.

2 Normative references

The following documents are indispensable for the application of this document. For dated reference documents, only the dated version applies to this article. For undated references, the latest version (including all amendments) applies to this document.

GB 12463 General technical requirements for transport packaging of dangerous goods
GB 18218 Identification of major hazard sources of hazardous chemicals
GB 50016 Code for fire protection of building design
GB 50140 Code for design of building fire extinguisher configuration
"Personal Acceptable Risk Standards and Social Acceptable Risk Standards for Hazardous Chemicals Production and Storage Devices (Trial)" (National Safety Supervision Announcement No. 13 of 2014)

3 Terms and definitions

The following terms and definitions apply to this document.

Dangerous goods conform to the dangerous goods package and the dangerous goods collective package specified in ICAO Doc 9284-AN/905.

Dangerous goods air transportation storage place Set up by the carrier or ground service agent in the airport control area, it is a special storage area and special storage area for temporary storage of dangerous goods.

Library and designated temporary storage area.

Note: "Dangerous Goods Air Transport Storage Site" is hereinafter referred to as "Storage Site".

In accordance with the requirements of the "Regulations on Civil Aviation Security of the People's Republic of China", the airport control area has restricted access to the airport based on safety needs.

System area.

Storage dedicated area in the general cargo warehouse, an area specifically designated for storing dangerous goods only.

Storage dedicated library A construction site dedicated to storing dangerous goods.

Designated staging area Designated areas for temporarily storing dangerous goods, including designated open-air temporary storage areas and other designated temporary storage areas.

Warehouse operation

The use of dangerous goods storage facilities or sites to provide storage services for other units or individuals.

Isolated storage

In the same room or the same area, different dangerous goods are separated by a certain distance, and the non-taboo items are kept by channels How the space is stored.

Detached storage

Different storage methods of dangerous goods in different buildings.

3.10

Incompatible goods

Dangerous goods with incompatible nature or different fire fighting methods.

3.11

Unit

A place for air transportation and storage of dangerous goods, or several dangerous goods that belong to the same production and business unit and whose edge distance is less than 500 m Air transportation and storage places for dangerous goods.

3.12

Major hazard installations Refers to the long-term or temporary production, handling, use or storage of dangerous goods, and the quantity of dangerous goods is equal to or exceeds the threshold Quantity of units (including places and facilities).

4.1 Site selection

4.1.1

A storage place should be reasonably set up in the airport control area as required.

4.1.2

The storage place should comply with the overall planning of the airport or the carrier, aviation security, urban environmental protection and fire protection, urban planning, urban Road traffic planning and other requirements.

4.1.3

The storage place should be located in an area with high terrain, dry site, unobstructed drainage and air circulation, and should be far away from flammable and explosive places.

It should not be installed in places with polluted and corrosive gas sources, and should not be installed in areas with a large number of wires, cables and electrical appliances.

4.1.4

It shall meet the requirements of national laws, regulations and standards regarding fire protection and safety distance. The risk index method can be used ("Hazardous Chemical