

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

SN/T 0981.2-2012

Replacing SN/T 0981-2000

**Rules of suitability survey in safety and sanitation for
conveyance on export commodities. Part 2: Survey for
refrigerated container
(English Translation)**

Issued on: January 1, 1970

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Foreword

SN/T 0981 "export commodities transport safety and hygiene regulations applicable carrier identification" is divided into two parts.

--- Part 1. dry container identification;

--- Part 2. Identification of refrigerated containers.

This section SN/T 0981 "export Transportation Safety and Health suitable carrier identification procedures," Part 2.

This section according to GB/T 1.1-2009. Rules "Standardization Guide Part 1 standard structure and writing" gives drafting.

The partial replacement of SN/T 0981-2000 "Importers refrigerated containers safety and hygiene inspection procedures" in addition to editorial changes to the Main Technical changes are as follows.

--- Modify the name from the original "Importers refrigerated containers safety and hygiene inspection procedures" to "export goods vehicle safety Full health fitness carrier identification code - Part 2. Identification of refrigerated containers. "

--- Preface to this procedure increases the appendix has been described, the standard is a normative appendix Appendix A, Appendix B standard is funded Material appendix.

--- Range increased redefined the object of this provision is part of the shipment immigration chilled and frozen goods machine-cooled container, Heating containers, refrigerated and heated containers. The applicability of the original standard "fitness test load" to "proper board performance test quarantine".

--- Increase the effectiveness of inspection and PTI simulated refrigeration performance test description, reference is made to "IICL-3-2005 refrigerated containers Inspection and repair guide "part, so join in the normative references in" IICL-3-2005 refrigerated container inspection and repair guides. "

--- Added "simulated refrigeration performance test" and "PTI refrigeration performance

test" explanation of terms.

--- Increase the effectiveness of inspection clause PTI frozen, refrigerated separately analog test performance and test the effectiveness of proposed technical refrigerated PTI Claim.

--- Increasing the portion of the container quarantine. From quarantine equipment, on-site quarantine, failed to determine the proposed three techniques Claim.

This section proposed and managed by the National Certification and Accreditation Administration Committee.

1 Scope

SN/T 0981 This section applies to immigration shipping perishable foods cold machine containers, container heating, refrigeration and processing Suitable carrier performance thermal container inspection and quarantine.

This section provides immigration shipment perishable food machine-cooled container, heating container, refrigerated and heated container security, Health, technical requirements for refrigeration efficiency and quarantine methods.

2 Normative references

The following documents for the application of this document is indispensable. For dated references, only the dated version suitable for use herein Member. Where the application file without a date, the latest edition (including any amendments) applies to this document.

GB/T 1836 container codes, identification and marking Technical requirements and test methods GB/T 7392-1998 Series 1 containers insulated containers IICL-3-2005 refrigerated container inspection and repair guide

3 Terms and Definitions

GB/T 1836 and as defined in the following terms and definitions apply to this document.

Insulated Container General term for a variety of containers with insulation properties, their common feature is able to slow its box structure inside and outside heat exchange boxes.

Refrigerated and heated containers refrigerated/heated container Cooling and heating with a thermal container means.

Steady state stable operation state Refrigerated container refrigeration system throughout the test period, refrigerated state, operating temperature fluctuation range does not exceed $\pm 0.5^{\circ}\text{C}$. Frozen like State operating temperature fluctuation range does not exceed $\pm 2^{\circ}\text{C}$ operating state.

Control cycle control period Refrigerated container refrigeration system in steady state operation, the time of the adjacent two power shutdown or twice between.

Defrost

Refrigerated containers by tank heating device (electric heating tube or heat) of frost or ice on the evaporator coil the course of melting.

Simulation of refrigeration performance test simulated inspection of refrigerated efficiency

Refrigerated cargo before loading in accordance with the proposed transport of goods loaded required to set the temperature of refrigerated containers and running for some time carried out