Code of Practice for Packing of Cargo Transport Units
Scope
These Guidelines are essential to the safe packing of CTUs by those responsible for the packing and securing of the cargo and by those whose task it is to train people to pack such units. However, they are not exhaustive and other sources of information may be relevant. Training is essential if safety standards are to be maintained. These Guidelines detail practical measures to ensure the safe packing of cargo onto or into CTUs. As such they are concerned with issues of safety and are not intended to address practical measures to enhance security, per se.
These Guidelines are not intended to conflict with, or to replace or supersede, any existing regulations or recommendations which may concern the carriage of cargo in CTUs. They do not cover the filling or emptying of tank containers, portable tanks or road tank vehicles, or the transport of any bulk cargo in bulk containers.
The Code of Practice

"Both guidelines and codes of practice are instruments that, without being binding nor imposing legal obligations upon member states, provide guidance to governments, employers and workers concerning a particular sector. They may be distinguished as follows. While guidelines aim to provide broad orientations, codes of practice are typically more detailed and technical. Codes of practice are intended to assist governments and employers' and workers' organizations in drawing up regulations and can thus be used as models for national legislation."

Replace or supersede, any existing regulations or recommendations which may concern the carriage of cargo in CTUs. They do not cover the filling or emptying of tank containers, portable tanks or road tank vehicles, or the transport of any bulk cargo in bulk containers.
**IMO / ILO / UN ECE**

**Code of Practice for packing Cargo Transport Units (CTUs)**

<table>
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<th>Group of Experts 1</th>
<th>Group of Experts 2</th>
<th>Submit Progress report to DSC</th>
<th>Paper to IMO</th>
<th>DSC 17</th>
<th>Group of Experts 3</th>
<th>Final draft circulated</th>
<th>Final draft agreed</th>
<th>Submit final draft</th>
<th>To DSC</th>
<th>Final Draft revision</th>
<th>UN ECE WP 24</th>
<th>Group of Experts 4</th>
<th>UN ECE General session</th>
<th>ILO Governing Body</th>
<th>MSC 93</th>
<th>Agree final draft</th>
<th>Final Publication</th>
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**Code of Practice for packing Cargo Transport Units (CTUs)**
The Code of Practice

What format?

• Simple
• Understandable
• Easy to get the right information
• Detailed when required
• One stop shop
The Code of Practice

What should it include?

• General overview for general management

• Detailed information for supervision

• Detailed packing procedures for packing operative.
What are Containers and CTUs

These are all Cargo Transport Units CTUs
The Guidelines
(as modified by IMO)

Preamble
Scope
Definitions
1. General conditions
2. Visual inspection prior to packing
3. Packing and securing of cargo
4. Advice on the packing and securing of dangerous goods
5. Advice on receipt of CTUs
6. Basic principles for the safe handling and securing of CTUs
7. Training on packing of cargo in CTUs

Annexes
1. Condensation
2. Consequences of overloading of CTUs
3. List of relevant international organizations
4. Illustration of “Dos” and “Don’ts”
5. Topics to be included in a training programme
The Code of Practice

Code of practice chapters:

Preamble
1. Introduction
2. Definitions
3. Key requirements
4. Consequences of improper packing
5. Chains of responsibility and information
6. General transport conditions
7. CTU properties
8. CTU suitability
9. Arrival, checking and positioning of CTUs
10. Packing cargo into CTUs
11. Additional advise on packing dangerous goods
12. On completion of packing
13. Advice on receipt and unpacking of CTUs
14. Training on packing of CTUs
The Code of Practice

Code of practice annexes:

• Acronyms
• Condensation damage
• Internal and external checks for freight containers
• Specific packing and securing calculations
• Practical inclination tests
• Cargo securing with dunnage bags
• Quick lashing guides
• Marine terminal operations
• Access to tank and bulk tops, working at height
• CTU Seals
• Receiving CTUs
The Code of Practice

Code of practice annexes (continued):

- CTU types
- Packing marks
- Load distribution
- Minimising the risk of recontamination
- Manual handling
- Testing for hazardous gases
- Consequences of improper packing procedures
- Information flow
- Transport documents
- Approval plates
- Accessing CTUs
The Code of Practice
Significant changes

- More content / bigger
- Brought up to date
- New chapters
- Wider scope
- Biosecurity references
- Improved H & S information
- More detailed information
The Code of Practice
Under review

- Chapter 7 – CTU Properties
- Chapter 10 – Packing cargo in CTUs

Options:
- Short chapter (3 pages) with extensive associated annex
- Longer chapter (22 pages)
The Code of Practice
Under review

- Chapter 7 – CTU Properties
- Chapter 10 – Packing cargo in CTUs
- Annexes 4, 6 and 7
For those that have, thank you for listening

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“A well known lawyer, now a judge, once grouped witnesses into three classes: simple liars, damned liars and experts”

Nature Magazine November 26th 1885