

Code of Practice for Packing of Cargo Transport Units

Results of informal pre-work

ECE/TRANS/WP.24/2022/9

ECE/TRANS/WP.24/2022/10-12

Tasks for informal pre-work

- (1) assess which sections of the CTU Code should be prioritized for updates
- (2) consider CTU Code text usage in a mobile application

Prioritization for updates

- (1) Package stability and building unit loads
- (2) Transport of bulk cargo in CTUs
- (3) Transport of liquid material in CTUs
- (4) Chains of responsibility and documentation
- (5) Bracing, lashing, bedding arrangements and securing of concentrated loads
- (6) Pest contamination
- (7) Packing and securing cargo into reefer containers

Prioritization for updates

Further issues discussed:

- Acceleration coefficients (rail 1520mm)
- Dunnage bags
- Stabilizers for dangerous goods for transport

Preliminary results from the pre-work

Prioritization for updates

- (1) Package stability and building unit loads
- (2) Transport of bulk cargo in CTUs
- (3) Transport of liquid material in CTUs
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- (7) Packing and securing cargo into reefer containers
- (8) Acceleration coefficients (rail 1520mm)
- (9) Dunnage bags
- (10) Stabilizers for dangerous goods for transport

Results from the pre-work

Specific proposed changes:

- ECE/TRANS/WP.24/2022/10:
 - to clause 5.3 (Annex 7) on transporting solid bulk cargo in CTUs
 - to clause 5.2 (Annex 7) on transport of liquids in flexitanks
- ECE/TRANS/WP.24/2022/11
 - to clause 2.3 (Annex 7) on blocking material and arrangements, and review of blocking terms
 - to section 4 (Appendix 4, Annex 7) on cargo securing with dunnage bags

Preliminary results from the pre-work

Prioritization for updates

- (1) Package stability and building unit loads
- (2) **Transport of bulk cargo in CTUs**
- (3) **Transport of liquid material in CTUs**
- (4) Chains of responsibility and documentation
- (5) **Bracing, lashing, bedding arrangements and securing of concentrated loads**
- (6) Pest contamination
- (7) Packing and securing cargo into reefer containers
- (8) Acceleration coefficients (rail 1520mm)
- (9) **Dunnage bags**
- (10) Stabilizers for dangerous goods for transport

Results from the pre-work

Specific proposed changes:

- ECE/TRANS/WP.24/2022/10:
 - to clause 5.3 (Annex 7) on transporting solid bulk cargo in CTUs
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Preliminary results from the pre-work

Prioritization for updates

- (1) Package stability and building unit loads
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- (7) Packing and securing cargo into reefer containers
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- (9) Dunnage bags**
- (10) Stabilizers for dangerous goods for transport

Results from the pre-work

Specific proposed changes:

- ECE/TRANS/WP.24/2022/12
 - To clause 4.2 (Annex 7) on package stability
 - To clause 3.1.1 to 3.1.3 (Annex 7) to incorporate guidance for bedding arrangements in the CTU Code and in section (appendix 4, annex 7) with detailed calculations for design of bedding arrangements
 - To section 3 (Annex 7) on load positioning
 - To Chapter 10, new section 10.4 on stabilizers
 - Consistency changes for unit of measurements
 - To clause 5.3 of Chapter 5 on acceleration coefficients for rail transport

Preliminary results from the pre-work

Prioritization for updates

- (1) **Package stability and building unit loads**
- (2) **Transport of bulk cargo in CTUs**
- (3) **Transport of liquid material in CTUs**
- (4) Chains of responsibility and documentation
- (5) **Bracing, lashing, bedding arrangements and securing of concentrated loads**
- (6) Pest contamination
- (7) Packing and securing cargo into reefer containers
- (8) **Acceleration coefficients (rail 1520mm)**
- (9) **Dunnage bags**
- (10) **Stabilizers for dangerous goods for transport**

Results from the pre-work

Specific proposed changes:

- ECE/TRANS/WP.24/2022/12
 - **To clause 4.2 (Annex 7) on package stability**
 - To clause 3.1.1 to 3.1.3 (Annex 7) to incorporate guidance for **bedding arrangements** in the CTU Code and in section (appendix 4, annex 7) with detailed calculations for design of bedding arrangements
 - **To section 3 (Annex 7) on load positioning**
 - **To Chapter 10, new section 10.4 on stabilizers**
 - Consistency changes for unit of measurements
 - **To Clause 5.3 of Chapter 5 on acceleration coefficients for rail transport**

Results from the pre-work

Comments on:

ECE/TRANS/WP.24/2022/10

ECE/TRANS/WP.24/2022/11

ECE/TRANS/WP.24/2022/12

Comments to be sent to the secretariat by 24 February 2023

Prioritization for updates – topics on which discussion continues

- Prevention of pest contamination (consideration of results of work under IPPC)
- Chains of responsibilities – review of definitions for terms used in the CTU Code
- Usage of terms such as placards, labels, marks and signs

CTU mobile application

Preliminary agreement on an approach for presenting CTU Code in the APP (start simple)

- Mapping of ‘typical’, ‘challenging’ cargo products/commodities to the text in the CTU Code
(layers for narrowing down the relevant searched information)
- Development of a script for first 3 cargo products
- Development of scripts for the remaining cargo products based on an agreed template

Work of the secretariat and a small group of volunteers to make specific proposals to expert meeting in 2023

Status of work

Task 1:

- specific proposal available, feedback and comments sought
- continuation necessary on the 2-3 issues

Task 2

- Continuation necessary: review of the approach, mapping and script

Participants involved in the informal pre-work recommend the work to continue in 2023

Way forward

WP.24 may wish to decide to continue the work on Tasks 1 and 2 and requests experts to report back at the 66th session in 2023

- If possible, prepare and present consolidated document with proposed changes (task 1)
- Present the mapping and script for the App (task 2)

Modality of work

- Continuation in a formal group of experts (subject to a decision by ILO sectorial bodies in early 2023)
- Continuation of the informal pre-work