Module 4
Marking and Labelling Packages of Infectious Substances
Overview

- Improper markings and labels
- Package markings and labels
- Marking and labelling Category A packages
- Marking and labelling Category B packages
- Marking and labelling Exempt Human/Animal Specimen packages
- Package marking and labelling exercise
What happens if a package is marked or labelled improperly?
Improper marking and labelling

⚠ Package **should not** be accepted (by carrier)

⚠ Courier refusal

⚠ Package may be returned to shipper

⚠ Package may be delayed

⚠ Package may be destroyed

⚠ Customs retention
Markings and labels
Markings and labels

Markings

• Shipper’s name and address
• Receiver’s name and address
• Name and telephone number of responsible person (who is available 24 hours a day until shipment arrives; emergency contact)
• Proper Shipping Name
• UN Number
• UN Specification marking

Labels (hazard and handling)

• Infectious substance label
• Orientation arrows (black or red; mandatory, on opposite sides, only when primary containers exceed 50 ml)
• Cargo Aircraft Only (when the package may only be transported on a cargo aircraft)
Marking and labelling
Category A packages
Category A markings and labels

Markings

• Shipper’s name and address
• Receiver’s name and address
• Name and telephone of responsible person (who is available 24 hours a day until shipment arrives)
• Proper Shipping Name
• UN Number
• UN Specification marking

Labels (hazard and handling)

• Infectious substance label
• Orientation arrows (mandatory only when primary container exceeds 50ml)
• Cargo Aircraft Only (when the package may only be transported on a cargo aircraft)
Category A markings and labels

Shipper’s and Receiver's Name and Address
Category A markings and labels

Name and Tel. of Responsible Person

[Diagram showing a package with markings and labels, including an arrow pointing to the name and contact information area.]
Category A markings and labels

Proper Shipping Name and UN Number
Category A markings and labels

Infectious Substance Label
Category A markings and labels

Orientation arrows
Mandatory on opposite sides when total volume of infectious substance exceeds 50 ml
Category A markings and labels

Cargo Aircraft Only Label
Mandatory when the package may only be transported on a cargo aircraft
Category A markings and labels

UN Specification marking
Marking and labelling
Category B packages
Category B markings and labels

Markings

- Shipper’s name and address
- Receiver’s name and address
- Proper Shipping Name
- UN Number

Labels (hazard and handling)

- None are required (unless shipping with dry ice)
Category B markings and labels

Shipper’s and Receiver's Name and Address
Category B markings and labels

Proper Shipping Name
Category B markings and labels

UN Number marking
Marking and labelling
Exempt human/animal specimen packages
Exempt human/animal specimens markings and labels

Markings

• Shipper’s name and address
• Receiver’s name and address
• Proper shipping name

Labels (hazard and handling)

• None are required (unless shipping with dry ice)
Exempt human/animal specimens markings and labels

Proper Shipping Name
Exempt human/animal specimens markings and labels

Shipper’s and Receiver's Name and Address
Marking and labelling overpacks
Overpack markings and labels

Dangerous goods regulations require that each package placed into an overpack be individually marked, labelled and addressed as if each were being shipped independently.

Each package must be fully compliant with the regulations before it can be placed in an overpack.

Once the package or packages are placed into the overpack, all marks and labels present on the single packages must be reproduced on the overpack, unless they are still visible through e.g. the use of clear shrink-wrap.

NOTE: Do not reproduce the UN specification marking on the overpack.

If the overpack includes dry ice, its quantity has to be mentioned on the overpack.

The word "Overpack" must also be marked on the overpack.
Overpack markings and labels

Markings

• All marks or any other information present on the single packages
• No UN Specification marking on the overpack!
• OVERPACK

Labels (hazard and handling)

• All labels present on the single packages
Exercise 4
Marking and labelling packages of infectious substances
What is missing?
Category A markings and labels
Category B markings and labels
Category A markings and labels

![Image of infectious substance packaging]

- Marking: "INFECTIONOUS SUBSTANCE, AFFECTING HUMANS"
- UN number: 2814
- Instructions for handling:
  - In case of damage or leakage, immediately notify Public Health authority.
Category B markings and labels
Category A markings and labels

INFECTIONOUS SUBSTANCE, AFFECTING HUMANS
UN 2814

FROM: SHIPPER:
Tel(XXX)XXX

TO: CONSIGNEE:
Tel(XXX)XXX

RESPONSIBLE PERSON:
MR. JOHN DOE
TEL:(XXX)XXX-XXXX
Category B markings and labels
Exempt human/animal specimens markings and labels
Category A markings and labels (>50 ml)

![Image of a container with infectious substance markings]

- **FROM:** SHIPPER:
  - Tel(XXX)XXX

- **TO:** CONSIGNEE:
  - Tel(XXX)XXX

- **RESPONSIBLE PERSON:** MR. JOHN DOE
  - TEL:(XXX)XXX-XXXX

- **INFECTIONOUS SUBSTANCE, AFFECTING HUMANS**
  - UN 2814

- **Infectious substance in case of damage or leakage immediately notify Public Health authority.**
Category A markings and labels (>50 ml) for air transport
Exempt human/animal specimens markings and labels
Category A markings and labels

- UN 2814
- Infectious Substance, Affecting Humans
- Responsible Person: MR. JOHN DOE
- Tel: (XXX)XXX-XXXX
- Biohazard symbol
- In case of damage or leakage, immediately notify Public Health Authority

Diagram of a container with the above markings and labels.
Markings and labels for P620

Please list all markings and labels required for this package. Once all the labels and markings have been identified, insert the number where the marking or label would go on the package.

<table>
<thead>
<tr>
<th>Markings</th>
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<th>Labels</th>
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Category A markings and labels
Markings and labels for P650

Please list all markings and labels required for this package. Once all the labels and markings have been identified, insert the number where the marking or label would go on the package.

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<th>Labels</th>
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Category B markings and labels
# Markings and labels for Exempt human/animal specimens

Please list all markings and labels required for this package. Once all the labels and markings have been identified, insert the number where the marking or label would go on the package.

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Exempt human/animal specimens markings and labels
Questions and comments