

UNEP-ICCA Project “Promoting Chemical Safety Management in the African Region”

Training Workshop on Emergency Preparedness and Dangerous Goods Handling

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ERG2012

The Emergency Response Guidebook 2012 (ERG2012) is primarily a guide to aid first responders in quickly identifying the specific or generic hazards of the material(s) involved in the incident, and protecting themselves and the general public during the initial response phase of the incident.

Before an emergency – become familiar with this guidebook!



Overview of the ERG2012

The main sections are:

- Table of placards (pages 6-7)
- Railcar & Trailer Identification charts (pages 8-9)
- **YELLOW** section (ID numbers)
- **BLUE** section (names of material)
- **ORANGE** section (guide pages)
- **GREEN** section (initial isolation and protective action distances for highlighted substances)



Overview of the ERG2012

The new sections are

- **TABLE 3** - Initial Isolation and Protective Action Distances for Different Quantities of Six Common TIH Gases (pages 352-355)
- BLEVE - Boiling Liquid Expanding Vapour Explosion (pages 364- 367)
- Improvised Explosive Device - IED (page 372)

TIH: Toxic Inhalation Hazard



Additional Sections

Other ERG2012 sections, not covered in the presentation, but suggested for reading:

- Shipping Documents (inside front page cover)
- Safety Precautions (page 2)
- Hazard Classification System (page 4)
- Hazard Identification Numbers Displayed on Some Intermodal Containers (pages 10-13)
- Pipeline Transportation (pages 14-19)
- Protective Actions (pages 287-288)
- Protective Clothing (pages 361-362)
- Fire and Spill Control (pages 363-364)
- Criminal / Terrorist Use of Chemical / Biological / Radiological Agents (pages 368-371)
- Glossary (pages 374-382)



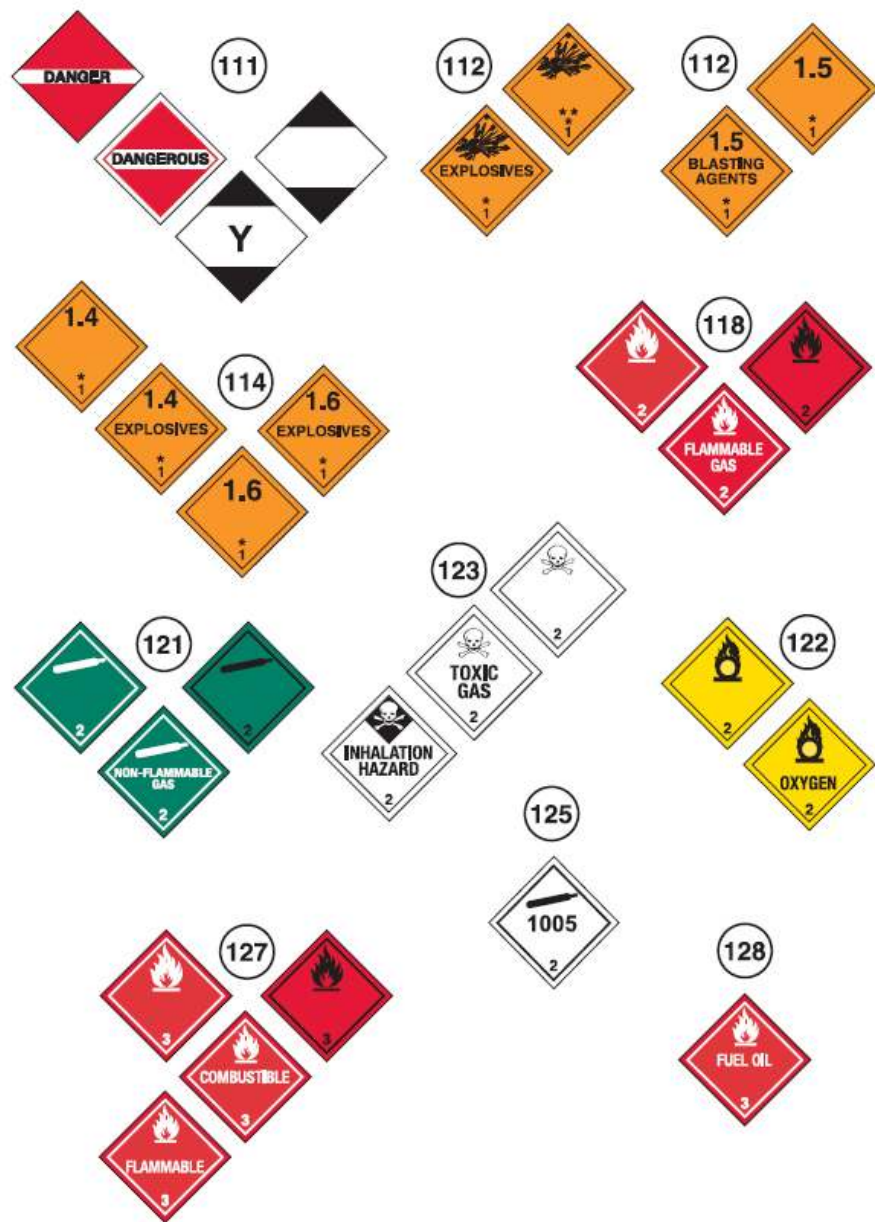
Table of Placards

- The different placards used in the transport of dangerous goods are found on pages 6 and 7 of the ERG2012.
- Each group of placards is associated to a 3-digit guide number (**ORANGE** section).

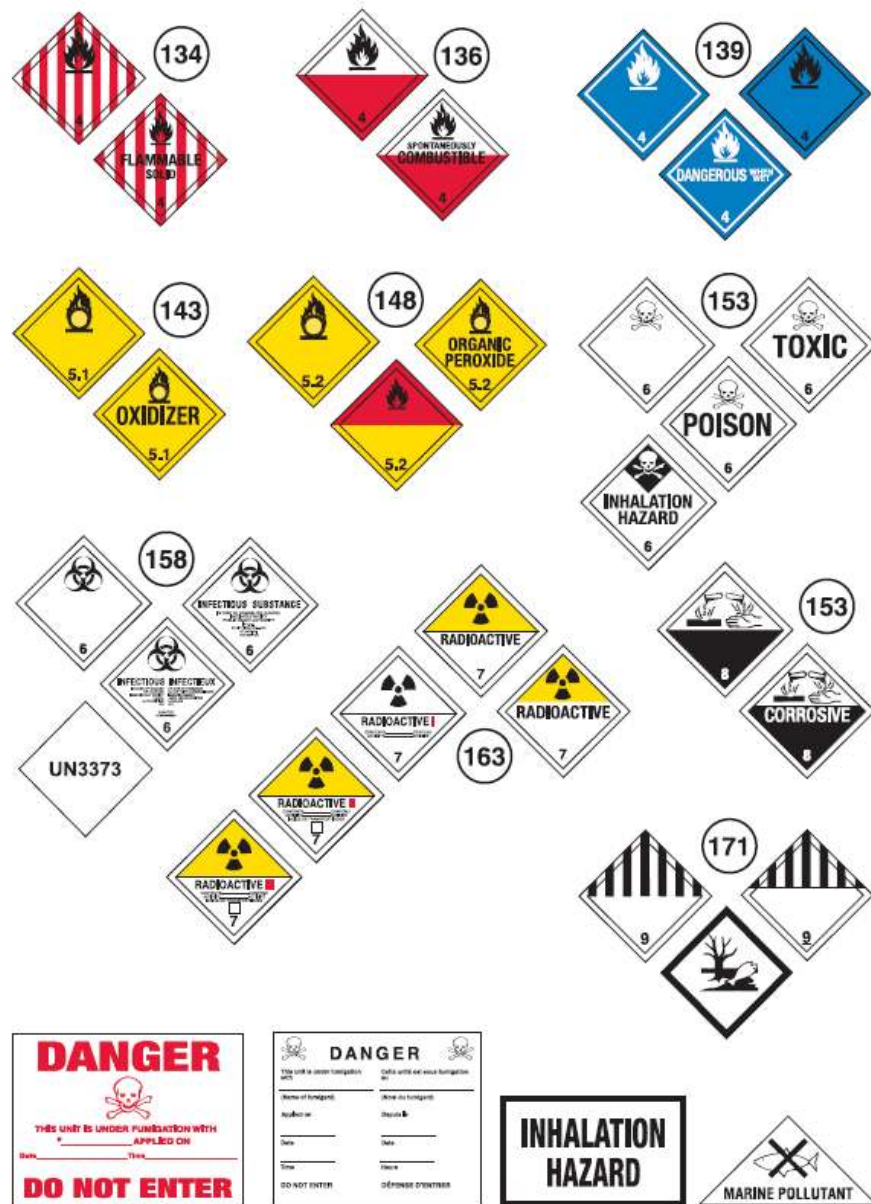
Caution: The recommended guides should be considered as a last resort if the material cannot be identified by any other means.



TABLE OF PLACARDS AND INITIAL
USE THIS TABLE ONLY IF MATERIALS CANNOT BE SPECIFICALLY IDENTIFIED BY



RESPONSE GUIDE TO USE ON-SCENE
USING THE SHIPPING DOCUMENT, NUMBERED PLACARD, OR ORANGE PANEL NUMBER



Rail Car and Road Trailer ID Charts

- Pages 8 and 9 of the ERG2012 depict the general shapes of railcars and road trailers used in the transportation of dangerous goods.
- Each shape is associated to a 3-digit guide number (**ORANGE** section).

Caution: The recommended guides should be

预览已结束，完整报告链接和二维码如下：

https://www.yunbaogao.cn/report/index/report?reportId=5_16325

