Technical Committee on Transport of Dangerous Goods

Wednesday, 20 January 2021

UN agreements concerning the international transport of dangerous goods

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International Organization

UN Economical and Social Council (ECOSOC)

TDG and GHS Committee
1 TDG sub com + 1 GHS sub Com
3 Publications

- Manual of test and criteria
- Harmonized system for classification and labelling
- Model Rules for TDG (Orange Book)

UNECE/OTIF
RID ADR ADN Joint Meeting
(Inland transport in Europe)

IMO (Maritime)
IMDG Code

ICAO-IATA (AIR mode)
Technical Instructions

UNECE ADR - ADN

OTIF RID


EUROPEAN UNION
Harmonization of all regulations with a common architecture
STRUCTURE of ADR

rules from manufacturing to delivery

...in coherent order
WORKING PRINCIPLES OF THE REGULATIONS

1. Hazard identification: Classification
   Following are measures to avoid risk:

2. Containments
   Packagings mobile (multimodal) tanks

3. Transports engines
   Vehicles/wagons /ships

4. Operations
   Documentation, communication...
   Loading/unloading, stowage, segregation...
   Training (general, drivers, experts)
   Organisation of undertakings (safety advisors, security plans...)
   Accident reporting (1.8.5)
   Traffic restrictions (chap 1.9 RID/ADR/ADN) (link with risk assessments)
   Emergency plans (chap. 1.11 RID)

Multimodal worldwide
UN recommendations
Manual

Modal regional
IMDG
ADR
RID
ADN
Diversity of participants

- Part 1: Généralités
  - DG producers:
    - Part 2 - Classification
  - Part 3 – Table
  - Fillers loader users of transport engines:
    - Part 4 - Use
  - Shippers of DG:
    - Part 5 – consignment procedures
  - Manufacturers of transport material and engines:
    - Part 6 – testing and manufacture
  - Loaders fillers:
    - Part 7- Loading unloading
  - Road carriers (ADR):
    - Part 8 – Crew équipements documentaion
  - Manufacturers of vehicles (ADR):
    - Part 9 – Manufacture and approval of vehicles
Working principle of the expert groups and committees

- UN ECE and OTIF organise meeting of working groups and committees
- The committees are composed of delegations representative of the governments and the different participants in the transport's chain:
  * Governmental experts
  * NGO representing professional organisation of DG producers, carriers, material manufacturers, etc.
- The committees and working group are drafting amendments for adoption and publication of a consolidated version of the regulations every 2 years
Regulation on transport of dangerous goods by inland transport
(arrêté TMD, 29.5.2009)

- regulates the domestic and international transport of dangerous goods by road, by rail and by inland waterway in France. One annex for each mode-specific provision.

- In general, TMD does not repeat provisions laid down in ADR, RID and ADN general reference for these texts and also refers to specific numbers of ADR/RID/ADN provisions. Where necessary some precisions are added.

- TMD introduces institutional structures of DG competent authorities with direct reference to provisions of ADR, RID and ADN.

- Ordinance introduces procedure to obtain a derogation stipulated in Article 6(2) of Directive 2008/68/EC.

- TMD introduces system of administrative sanctions for infringements of ADR, RID and ADN.
Arrêté « TMD » du 29 Mai 2009 modifié

COMMON PROVISIONS for all modes

Annex I : ROAD Transport
Annexe II : RAIL Transport
Annexe III : IWW Transport
The Mission for the transport of dangerous goods is in charge of the implementation work.

It is assisted by a Commission for the transport of Dangerous goods mirroring the composition of the international committees.

Following the same structure as DIR. 2008/68/CE and the international agreements allows to minimize the implementation work.

It allowed also to eliminate almost all difference between national and international legislation.
THANKS FOR YOUR ATTENTION