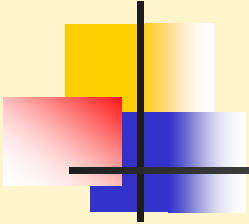


# 12. GODIŠNJA SKUPŠTINA POSLOVNOG UDRUŽENJA „MEĐUNARODNI TRANSPORT“

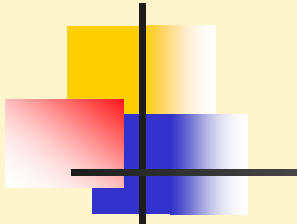
Beograd, 14. Decembar 2012. godine



## TRANSPORT OPASNOG TERETA U 2013. GODINI - izvod

**mr Ljubomir Petrović, dipl. inž.**

*Trigon inženjering d.o.o., Zemun, 22. Oktobra br.27*

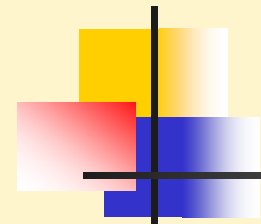


22. Oktobra br. 27, 11080 Zemun, tel/fax: 011/316-16-74  
E-mail: office@trigoning.rs, www.trigoning.rs



- Osposobljavanja vozača za transport opasnog tereta u drumskom saobraćaju - ADR
- Osposobljavanje lica koja rukuju opasnim teretom u sklopu transportnog procesa u drumskom saobraćaju
- Osposobljavanja lica za transport opasnog tereta na unutrašnjim plovnicama - ADN





## Pisana uputstva u skladu sa ADR:

**PISANA UPUTSTVA U SKLADU SA ADR**

Priručnik u slučaju nezgode ili opasnosti

U slučaju nezgode ili opasnosti koja može doći do toga da bi se prevozilo opasno materijal, dodatna uputstva članovima posade vozila o karakteristikama opasnog tereta po klasama i postupci za trenutne okolnosti

Lasirni opasnost (broj)	Klasifikacija opasnosti	Dodatna uputstva
Opasnost 1 (prvi)	Opasnost 1 (prvi)	Opasnost 1 (prvi)
Opasnost 2 (drugi)	Opasnost 2 (drugi)	Opasnost 2 (drugi)
Opasnost 3 (treći)	Opasnost 3 (treći)	Opasnost 3 (treći)
Opasnost 4 (četvrti)	Opasnost 4 (četvrti)	Opasnost 4 (četvrti)
Opasnost 5 (peti)	Opasnost 5 (peti)	Opasnost 5 (peti)
Opasnost 6 (šesti)	Opasnost 6 (šesti)	Opasnost 6 (šesti)
Opasnost 7 (sedmi)	Opasnost 7 (sedmi)	Opasnost 7 (sedmi)
Opasnost 8 (osmi)	Opasnost 8 (osmi)	Opasnost 8 (osmi)
Opasnost 9 (deveti)	Opasnost 9 (deveti)	Opasnost 9 (deveti)
Opasnost 10 (deseti)	Opasnost 10 (deseti)	Opasnost 10 (deseti)

**Dodatna uputstva članovima posade vozila o karakteristikama opasnog tereta prema oznakama i postupci za trenutne okolnosti**

Oznaka	Karakteristika opasnosti	Dodatna uputstva
EX	Opasnost od eksplozije pri udaru ili sudaru	Opasnost od eksplozije pri udaru ili sudaru
FL	Opasnost od zapaljenja ili eksplozije pri udaru ili sudaru	Opasnost od zapaljenja ili eksplozije pri udaru ili sudaru
OX	Opasnost od zapaljenja ili eksplozije pri udaru ili sudaru	Opasnost od zapaljenja ili eksplozije pri udaru ili sudaru
AT	Opasnost od zapaljenja ili eksplozije pri udaru ili sudaru	Opasnost od zapaljenja ili eksplozije pri udaru ili sudaru
MEMU	Opasnost od zapaljenja ili eksplozije pri udaru ili sudaru	Opasnost od zapaljenja ili eksplozije pri udaru ili sudaru

**Oprema za RŽU i opšta zaštita za sprovođenje uzajamnih i posebnih postupaka u slučaju opasnosti koja treba da se nalazi u vozilu u skladu sa odeljkom 8.1.5 ADR-a**

Sledeća oprema je potrebna u transportnoj jedinici za sve trezive listice opasnosti:

- za svako vozilo, podjednako na točkovne veličine prilagodene masi vozila i dimenzijama točaka,
- dvosmerni reflektori za opreznost,
- oznake za opreznost (opis 1)

Za svakog člana posade vozila:

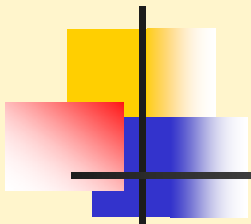
- odgovarajući upozoravajući predznak (opisano u evropskom standardu EN 471);
- odgovarajuća priručna lampica,
- priručni reflektori,
- zaštita za oči (zaštitni naočari).

Dodatna oprema potrebna na pojedine klase:

- odgovarajuća zaštitna maska za dizanje\*, za svakog člana posade vozila koja prevoze opasne terete obelodane listicama opasnosti broj 2.3 ili 6.1,
- leptir\*,
- predmetnik za kumulaciju\*,
- posuda za prikupljanje iskele materije\*.

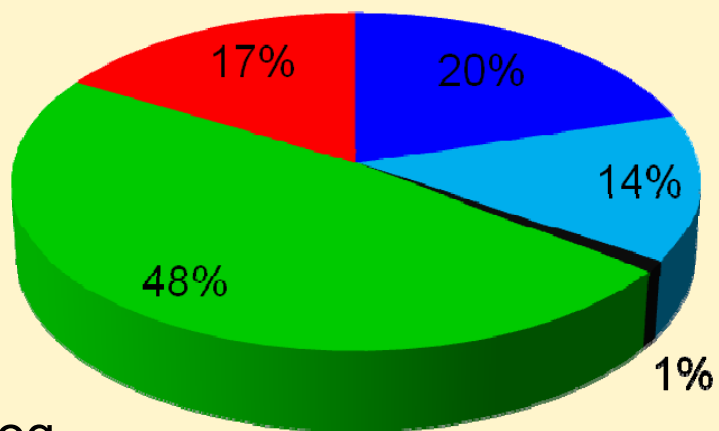
\*Nije potrebno za listice opasnosti broj 1.4, 1.5, 1.6, 2.1, 2.2, 2.3, 2.4, 2.5, 2.6, 2.7, 2.8, 2.9, 3.1, 3.2, 3.3, 3.4, 3.5, 3.6, 3.7, 3.8, 3.9, 4.1, 4.2, 4.3, 4.4, 4.5, 4.6, 4.7, 4.8, 4.9, 5.1, 5.2, 5.3, 5.4, 5.5, 5.6, 5.7, 5.8, 5.9, 6.2, 6.3, 6.4, 6.5, 6.6, 6.7, 6.8, 6.9, 7.1, 7.2, 7.3, 7.4, 7.5, 7.6, 7.7, 7.8, 7.9, 8.1, 8.2, 8.3, 8.4, 8.5, 8.6, 8.7, 8.8, 8.9, 9.1, 9.2, 9.3, 9.4, 9.5, 9.6, 9.7, 9.8, 9.9, 10.1, 10.2, 10.3, 10.4, 10.5, 10.6, 10.7, 10.8, 10.9, 11.1, 11.2, 11.3, 11.4, 11.5, 11.6, 11.7, 11.8, 11.9, 12.1, 12.2, 12.3, 12.4, 12.5, 12.6, 12.7, 12.8, 12.9, 13.1, 13.2, 13.3, 13.4, 13.5, 13.6, 13.7, 13.8, 13.9, 14.1, 14.2, 14.3, 14.4, 14.5, 14.6, 14.7, 14.8, 14.9, 15.1, 15.2, 15.3, 15.4, 15.5, 15.6, 15.7, 15.8, 15.9, 16.1, 16.2, 16.3, 16.4, 16.5, 16.6, 16.7, 16.8, 16.9, 17.1, 17.2, 17.3, 17.4, 17.5, 17.6, 17.7, 17.8, 17.9, 18.1, 18.2, 18.3, 18.4, 18.5, 18.6, 18.7, 18.8, 18.9, 19.1, 19.2, 19.3, 19.4, 19.5, 19.6, 19.7, 19.8, 19.9, 20.1, 20.2, 20.3, 20.4, 20.5, 20.6, 20.7, 20.8, 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174.8, 174.9, 175.1, 175.2, 175.3, 175.4, 175.5, 175.6, 175.7, 175.8, 175.9, 176.1, 176.2, 176.3, 176.4, 176.5, 176.6, 176.7, 176.8, 176.9, 177.1, 177.2, 177.3, 177.4, 177.5, 177.6, 177.7, 177.8, 177.9, 178.1, 178.2, 178.3, 178.4, 178.5, 178.6, 178.7, 178.8, 178.9, 179.1, 179.2, 179.3, 179.4, 179.5, 179.6, 179.7, 179.8, 179.9, 180.1, 180.2, 180.3, 180.4, 180.5, 180.6, 180.7, 180.8, 180.9, 181.1, 181.2, 181.3, 181.4, 181.5, 181.6, 181.7, 181.8, 181.9, 182.1, 182.2, 182.3, 182.4, 182.5, 182.6, 182.7, 182.8, 182.9, 183.1, 183.2, 183.3, 183.4, 183.5, 183.6, 183.7, 183.8, 183.9, 184.1, 184.2, 184.3, 184.4, 184.5, 184.6, 184.7, 184.8, 184.9, 185.1, 185.2, 185.3, 185.4, 185.5, 185.6, 185.7, 185.8, 185.9, 18

## STATISTIČKI POKAZATELJI ZA TRANSPORTU OPASNOG TERETA – ADR



Količina opasnog tereta, SR NEMAČKA 2008 godina:

354 000000 tona

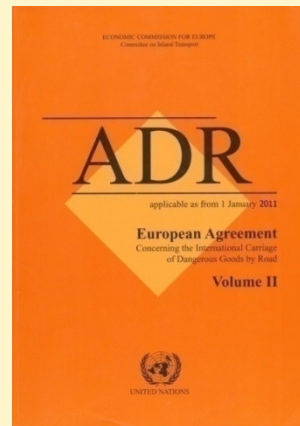
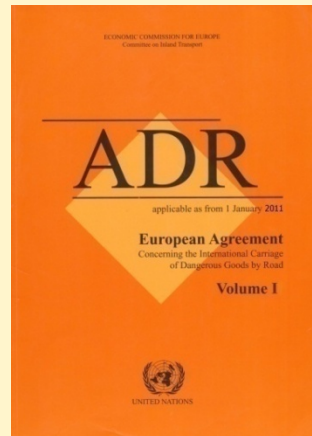


- Pomorski saob.
- Rečni saob.
- Vazdušni saob.
- Drumski saob.
- Železnički saob.

Raspodela  
transporta opasnog  
tereta prema  
vidovima saobraćaja

# EVROPSKI SPORAZUM O MEĐUNARODNOM DRUMSKOM TRANSPORTU OPASNOG TERETA – ADR

## European Agreement Concerning the International Carriage of Dangerous Goods by Road

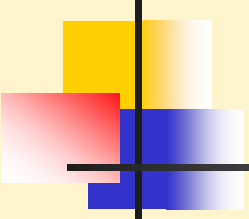


Izmene svake  
dve godine !!!

Ukupno je 49 država  
prihvatilo odredbe ADR

### ZAKLJUČAK:

Transport opasnog tereta je zabranjen, osim ako se ne obavlja pod tačno definisanim uslovima za određen vid saobraćaja.



## ADR 2013 - izvod

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### Utvrđivanje visine "UN-brojeva" i slova "UN" na ambalaži:

- ✓ najmanje 12 mm
- ✓ najmanje 6 mm – za ambalažu od max. 30 l/30 kg, boce od max. 60 l
- ✓ primerena veličina – za ambalažu od max. 5 l/5 kg

### **NAPOMENA u vezi prelaznog perioda za primenu visine slova i brojeva:**

Obavezna primena od:

–31. decembra 2013. god.

–30. juna 2018. god. za Boce sa zapreminom od najviše 60 litara

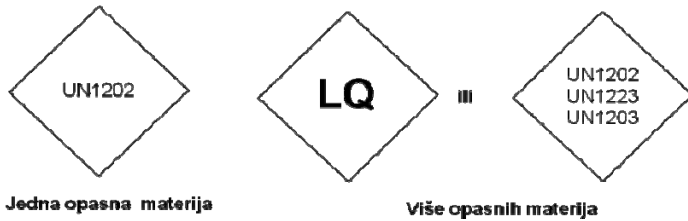


Znak za **ekološki opasne materije** treba postaviti na odgovarajući način kao i ostale listice opasnosti na vozilima ili komadnom teretu

## ADR 2011/2013 - izvod

### Obeležavanje ambalaže i vozila u slučaju transporta u “ograničenim količinama” – LQ (Limited Quantities)

#### Oznake na ambalaži :



Primenjivo do 31.06.2015.

**ADR 2011**



Primenjivo od 01.01.2011.  
Obavezno od 01.07.2015.

#### Oznake na vozilu, napred i pozadi:

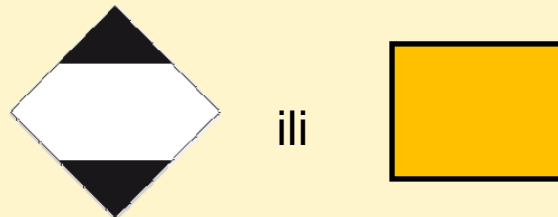
- masa tereta  8 t



Primenjivo do 31.06.2015.

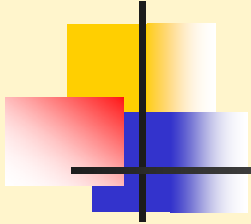


Tunelski kod (E),  
ADR 2013



Primenjivo od 01.01.2011.  
Obavezno od 01.07.2015.





## ADR 2011 - izvod

### ADR 2011, pododeljak 8.2.2.8.5 - novi oblik certifikata za vozača

#### Prelazne odredbe:

#### **ADR 2011, pododeljak 1.6.1.21**

Ugovorne strane mogu nastaviti izdavanje  
sertifikata u skladu sa modelom koji je primenjivan  
**do 31.12.2010.** godine umesto navedenog u  
pododeljku 8.2.2.8.5, **do 31.12.2012.**

#### ADR DRIVER TRAINING CERTIFICATE

**\*\***

- |                                    |                                |
|------------------------------------|--------------------------------|
| (Insert<br>driver<br>photograph) * | 1. (CERTIFICATE No.)*          |
|                                    | 2. (SURNAME)*                  |
|                                    | 3. (OTHER NAME(S))*            |
|                                    | 4. (DATE OF BIRTH dd/mm/yyyy)* |
|                                    | 5. (NATIONALITY)*              |
|                                    | 6. (DRIVER SIGNATURE)*         |
|                                    | 7. (ISSUING BODY)*             |
|                                    | 8. VALID TO: (dd/mm/yyyy)*     |

#### VALID FOR CLASS(ES) OR UN Nos.:

<b>TANKS</b>	<b>OTHER THAN</b>
<b>TANKS</b>	

- |                                      |                                       |
|--------------------------------------|---------------------------------------|
| 9. (Enter Class<br>or UN Number(s))* | 10. (Enter Class<br>or UN Number(s))* |
|--------------------------------------|---------------------------------------|



## ADR 2011 - izvod

Sertifikati izdati do  
**31.12.2012. godine,**  
mogu se koristiti do  
isteka njegove važnosti  
od pet godina.

Samo za nacionalne propise  
For national regulations only

ADR-CERTIFIKAT O STRUČNOJ  
OSPOBLJENOSTI VOZAČA ZA VOZILA  
KOJA PREVOZE OPASNE MATERIJE  
ADR - TRAINING CERTIFICATE FOR DRIVERS  
OF VEHICLES CARRYING DANGEROUS GOODS

Certifikat broj /  
Certificat No 781/09

Jedinstveni znak zemlje izdavača /  
Distinguishing sign of issuing State **SRB**

Važi za klase /  
Valid for class (es)

U cisterni in tanks	Drugim vozilima other than in tanks
X	X
2	2
3	3
<del>41, 42, 43</del>	4.1, 4.2, 4.3
<del>51, 52</del>	5.1, 5.2
<del>61, 62</del>	6.1, 6.2
X	X
8	8
9	9

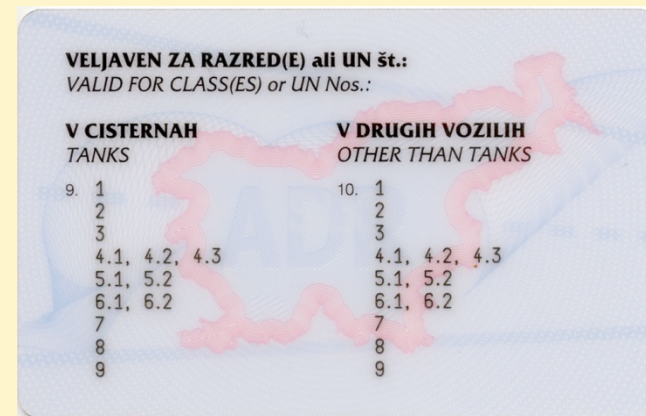
Do (datum) /  
until (date) 01.06.2014

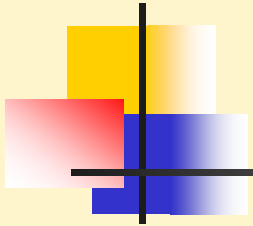
255

## ADR 2011 - izvod

### ADR 2011, pododjeljak 8.2.2.8.5 - novi oblik sertifikata za vozača

Obavezna primena novog oblika  
ADR sertifikata za vozače je  
od 01.01.2013. godine.





***HVALA NA PAŽNJI !***