



## E Safety and Security Fire Prevention

Fire risk and fire danger are definitions produced by ministerial decree of March, 1998 (criteria and security measures in work places for fire prevention):

- fire danger: features of materials or equipments, techniques/methodologies of their use in the workplace, with potential fire danger;

- risk of fire: possibility of potential risk of fire and consequences for the people.

In all workplaces, including terminals, a fire risk evaluation takes place, and Fire Prevention Certificates (CPI as Italian acronym) are issued by Fire Fighters, for any need considered.

More, periodically fire prevention equipments are checked by professionals, in particular fire extinguishers on vehicles.

In vocational trainings and for the constant information programme, a practical test of fire extinguishing is carried out, to prepare personnel to face/prevent a fire danger.



**trambus**  
(TRAMBUS S.P.A., SURFACE PUBLIC TRANSPORT OPERATOR OF ROME)

**ratb**  
(RATB, SURFACE PUBLIC TRANSPORT OPERATOR OF BUCHAREST)

**WBS TRAINING AG**  
(W.B.S., EDUCATION AND TRAINING CONSULTING COMPANY)

**UNIVERSITY OF BUCHAREST, TRANSPORT DEPARTMENT**

**Second Chance Association**  
(SECOND CHANCE ASSOCIATION, EDUCATION AND TRAINING COMPANY)

**ZAS**  
(ZAS, ASSOCIATION OF SLOVAKIAN DRIVING SCHOOLS)

**A.S.I.A. Onlus**  
(ASIA ONLUS, NO PROFIT EDUCATION AND TRAINING COMPANY)

**INICIATIVAS PARA LA FORMACION PROFESIONAL**, EDUCATION AND TRAINING CONSULTING COMPANY

## I Improving Safety and Security in Public Surface Transport

ISSTE is a project co-founded by the European Commission through the EACEA Executive Agency (Educational, Audiovisual and Culture Executive Agency) that aims at improving quality, safety and security features of public surface transport systems by increasing the vocational abilities of the human resources involved in the field.

In order to achieve such ambitious goal, ISSTE will design implement and certify innovative vocational training methods for the human resources involved in surface transport.

Project promoter and coordinator is Trambus S.p.A., largest surface public transport operator in Italy, delivering its service in the City of Rome. ISSTE consortium members are RATB surface public transport operator of Bucharest, W.B.S. Training education and training consulting company of Germany, University of Bucharest Transport Department, Second Chance Association education and training company from Bulgaria, ZAS association of driving schools from Slovakia, Asia Onlus no profit education and training company from Campobasso, Italy and Iniciativas Para la Formacion Profesional education and training consulting company from Malaga, Spain.

## D Safe Driving recommendations

- Drive in good psycho-physical conditions and have a correct driving position, handling the steering wheel with both hands
- Look away to prevent risks, verify constantly traffic situation behind you through rear view mirrors, especially with reference to left hand and right hand change of direction
- Drive avoiding to cause danger for other road users
- Safety distance permits, in every situation, to stop the vehicle into the field of vision, avoiding a violent braking
- Enter the curve with moderate speed, to have a safe change of direction of the vehicle, steering progressively, then run across with constant speed and curvature radius, accelerating only when out of the curve
- A good driver is able to adapt his driving in all conditions, to avoid any risk.

## S Safety and Security D.Lgs 81/2008 and DVR

In April 2008 the so-called Unique Text on Safety and Security on the Workplace was published in the Italian National Official Gazette, a real revolution after 20 years, producing a consistent upgrade of the Risk Evaluation Bill (DVR as Italian acronym) Many innovations were introduced, in particular :

- Relationship between work-stress;
- pregnant employees;
- age and gender differences.

Several typologies of work places/terminals were considered, taking into account:

- ergonomics of driving location;
- possible onset of stress related to traffic or work turnation;
- chemical, physical and biological risks, through their sampling;
- risks on work places near terminals.

Risk level evaluation was made by quantitative analysis of the risks, also related to the injury figures of Trambus.

Finally organisational and behavioural safety and security measures were identified, including improving actions and training programmes, together with constant information for all the Movement Staff.

## S Road Legislation

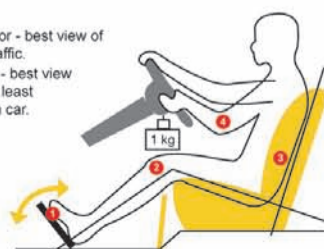
"Security of people in road traffic is one of the main priorities of social and economic order pursued by the State" declares art. 1 of the Italian highway code, where all norms are inspired by road safety principle, in order to achieve the goal of reducing economic, social and environmental costs caused by the traffic, to improve the quality of life of the citizens and to improve the fluidity of road circulation. In this context the driving license point system was introduced in Italy since July 2003. This System permits to identify, by means of the loss of points by the driver, potentially dangerous behaviours. Frequent violators are forced to review their driving license if they lose all the points.

In order to improve both road and driver's security, in September 2008 The Driver Qualifying Card (CQC as Italian acronym) was issued.

The target of the CQC was to prepare and make aware drivers through conscious behaviours, providing them the proper knowledge to ensure road users and environment full respect and offering a driving methodology able to prevent risks caused by traffic.

### Correct driving position

- MIRRORS**
- Centre mirror - best view of following traffic.
  - Side mirror - best view of lane and least view of own car.



- DRIVING POSITION**
- 1 Legs are apart and left foot is extended to supporting position
  - 2 Knees are slightly bent.
  - 3 Back is against the seat.
  - 4 Arm position lets hands complete a full turn of the wheel when your back is against the seat

- SEALT BELT**
- Low across your hips.
  - Flat with no twist.
  - Firm with no slackness.

- OTHER CHECKS**
- Passenger belted up.
  - Inside the vehicle is free of loose object.
  - No ornaments blocking your view.

