

Professional Driver Qualification

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Contacts with clients, suppliers, authorities and the public:

Shippers;

Consignees;

Staff at loading and unloading addressees;

Depot and terminal staff;

Other external parties;

Technical and medical emergency services;

Civil servants.

Contacts at multiple levels within the organisation:

Drivers;

Planners;

Dispatch staff;

Warehouse staff;

Company cashier or accountant;

Other colleagues.

Expectations?



The accomplishment of multiple complex tasks



A professional driver has the following responsibilities:

- the roadworthiness and correct maintenance of a truck, truck-trailer or tractor-trailer combination;
- the cleaning of the cargo space, cabin and exterior;

- solving (minor) problems while on the road;
- reporting and taking effective action during delays in the completion of the assignment due to disruption or damage to the vehicle;

- notification prior to the expiry of the validity of required general vehicle documents (annual inspection, maintenance booklet);
- having the loading and unloading equipment on board that is appropriate for the cargo;

- the maintenance and operational readiness of loading and unloading equipment;
- checking for and detecting any damaged or incomplete containers and skips;

- the loading, unloading, pushing and securing of various goods;
- the loading and unloading of liquids;
- the distribution of the cargo throughout the compartments;

A professional driver has the following responsibilities :

- the delivery of the correct quantities of packages and receipt of any payment for goods for which cash is due on delivery (COD);
- the delivery of containers and skips (average value ranges from \$ 20,000.00 to \$ 1,000,000.00);

- checking the correctness of the accompanying cargo documents;
- the reporting of damage, comments and flaws relating to the cargo;

- carrying out the transport assignment in accordance with the wishes and requirements of the transport company and the shipper;
- the driving, manoeuvring, loading and unloading in a safe (in terms of traffic), environmentally aware and economical manner, with due regard for the current driving hours legislation;

- maintaining journey work reports, tachograph discs, time accounting sheets and expense forms;
- compliance with the company regulations as regards guidelines for clothing.

Efficiency catalysts



IRU Academy CPC Driver

Professional Drivers aim to be multi-skilled professionals fully integrated in the knowledge-based economy. The economic and technological environment in which freight and passenger transport operates is dynamic, complex and challenging leading to an increasing need for well-trained professional drivers.

The Certificate of Professional Competence for Driver (CPC Driver) is a qualification programme for truck drivers. The CPC Driver aims to improve road safety and transport efficiency by helping drivers consolidate and develop the knowledge and skills they require to perform their work on a daily basis.



The CPC programme covers the initial qualification and periodic training of professional drivers as defined by the IRU Academy. It focuses on thematic such road safety, fuel-efficiency, CO2 emissions, driver health and cover technical aspects. The following list of subjects are covered:

- The aim of the CPC Driver Programme
- Job Description – a day in a life of a Prof. Driver
- Vehicles' types and functions
- Technical elements:
 - The engine and the transmission system
- Technical elements: Safety equipments
- Coupling and uncoupling vehicles
- Rational and defensive driving
- Safe Loading and Cargo Securing
- Social and Regulatory frameworks
- Road Safety
- Health
- Emergency situations
- Socio Economical context and image of the profession
- Review Exercises
- Case Study and pre-test

SAFE LOADING AND CARGO SECURING CHECKLIST

Stay safe and compliant!

Correct loading and securing of goods on road freight vehicles is essential for ensuring safe road transport. It is therefore important that the securing of goods on a vehicle is carried out according to adequate standards, and without violating national requirements. In order to improve road safety, the IRU has developed a checklist of harmonised tips for safe loading and cargo securing.

BEFORE LOADING CARGO ON A VEHICLE



Determine the right vehicle for the transport.



Determine the best method: view the defined cargo, direct lashing, top-over, combinations of method(s).



Make sure that the load platform and the vehicle's bodywork are clean.



Determine the number of lashings and/or chains to use the cargo.



Determine the optimal loading equipment and method(s).



Determine the number of mats and other securing (padding, edge protectors), secure the cargo.

WHILE LOADING AND SECURING THE CARGO



Load cargo with respect to the allowed vehicle weight.



Load cargo with respect to vehicle axle load distribution.



Defensive Driving Assessment Practical Driving

Explanation of the evaluation document – "Assessment Sheet – Defensive Driving"

Positions on the evaluation sheet:

A.	Driver's name
B.	Transport Company the Driver is employed by
C.	Area where the assessment takes place
D.	Instructor conducting the assessment
E.	Date of evaluation
F.	Time period of the evaluation
G.	Traffic condition and intensity
H.	Weather conditions
I.	Make, model, and axle configuration of vehicle

Subjects evaluated:

Driving Technique

1 - Ability to anticipate traffic development

Purpose: To evaluate the driver's ability to anticipate upcoming events with respect to traffic developments, and to take necessary precautions to avoid accidents and other situations that may create risk.

Objective: To maximise the driver's skills of anticipating traffic and other actions on the road that may create risk.

Method: Training, supervision, coaching and mentoring – create awareness of traffic and potential components blind spot behavior.



Lesson Plan & Recap Exercises

Freight Transport C, C+E, C1, C1+E
280 hours course for Initial Qualifications
of Professional Driver as per 2003/59/EC



- Detailed Lesson plans available for category Truck and Bus
- Over 1500 Instruction slides
- Reference Materials
- Best Practices
- Practical guidelines
- Question Bank
- Case Studies



Lesson 3.3.3 Ergonomic principles

Instruction on how to avoid injuries

- With one hand, grip the upper, outside corner above the forward foot, and with the other hand, hold the lower corner nearest the rear foot
 - Lean forward keeping the rear arm straight, this position allows the load to be moved around
- Lift up by pushing with the rear leg and following the movement, lifting the body forward
- Keep the load close to the body:
 - Keep the rear arm straight
 - Move without twisting the body



Safe Loading & Cargo Securing



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BEFORE LOADING CARGO ON A VEHICLE

- 1. Determine the right vehicle for the transport.
- 2. Determine the load capacity to be used, the vehicle's design, about loading, national loading or international methods.
- 3. Make sure that the load platform and the vehicle's load capacity are clear.
- 4. Determine the number and type of loadings and/or straps to be used to secure the cargo.
- 5. Determine the optimal loading equipment and methods.
- 6. Determine the number of well-secured loads and other securing measures, such as straps, to be used to secure the cargo.

WHILE LOADING AND SECURING THE CARGO

- 1. Load cargo with respect to the allowed vehicle weight.
- 2. Load cargo with respect to the allowed vehicle's axle load distribution.



In focus



ECO-DRIVING SAFETY FOR TRUCKS

Think economically and environmentally!

ECO-driving is not only an easy and cost-efficient way to reduce fuel consumption, greenhouse gases and accident rates, but it also an attitude and respect for society as a whole. In order to help drivers adjust their driving behaviour to different situations, the IRU has developed this checklist of smart, smooth and safe ECO-driving techniques.

- 1. **Check your speed**
Reduce your speed to 100 km/h or less in urban areas, 120 km/h on roads with a speed limit of 120 km/h, and 130 km/h on roads with a speed limit of 130 km/h. This will help you to save fuel and reduce emissions.
- 2. **Check your gear**
Use the right gear for the road conditions. Shift to a higher gear as early as possible to reduce engine speed and fuel consumption.
- 3. **Check your throttle**
Avoid full throttle. Use the accelerator pedal lightly and only when necessary. This will help you to save fuel and reduce emissions.
- 4. **Check your brakes**Use the engine brake as much as possible to reduce wear on the brakes and fuel consumption. Only use the service brake when necessary.
- 5. **Check your mirrors**
Adjust your mirrors to see the road ahead clearly. This will help you to avoid accidents and save fuel.
- 6. **Check your tyres**
Keep your tyres at the right pressure. This will help you to save fuel and reduce emissions.
- 7. **Check your windows**
Keep your windows clean. This will help you to see the road ahead clearly and avoid accidents.
- 8. **Check your lights**
Use your lights correctly. This will help you to see the road ahead clearly and avoid accidents.
- 9. **Check your horn**
Use your horn only when necessary. This will help you to avoid accidents and save fuel.
- 10. **Check your fuel**
Use the right fuel for your engine. This will help you to save fuel and reduce emissions.

ECO-Driving

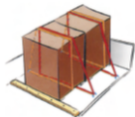
Calculator: Specific and practical advices

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Safe Loading and Cargo Securing

Loop lashing

Data	
Weight of cargo (t)	<input type="text" value="8"/>
Angle α of lashing device relative to loading platform (deg)	<input type="text" value="65"/>
LC value of lashing device (daN)	<input type="text" value="400"/>
Friction between goods and loading platform (μ)	<input type="text" value="0.7"/>



Instructions

Enter the data in the highlighted fields. The resulting number of pairs of lashings required is indicated in the "Results" table.

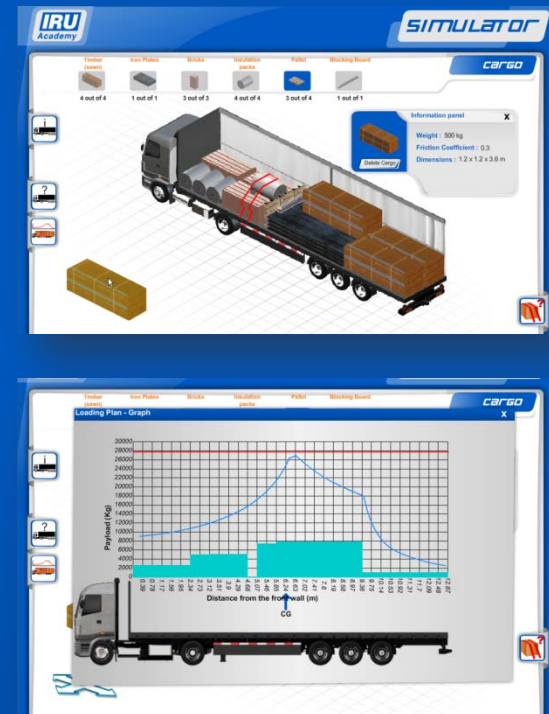
Note: The results take into account the stability parameters entered in the "stab" sheet, and the blocking and mode of transport data entered in the "basic" sheet.

Results	
Number of lashing pairs required to prevent sliding	<input type="text" value="2"/>

Friction coefficients

Sawn wood or standard pallet - fabric base laminate/plywood 0.45

Interactive simulation environment



Latest International Reference Standard

CEN 12195-1:2010

Education, vocational training and lifelong learning play a vital role in both economic and social context.

No matter what the industry or the size of your business, training will have a positive effect on safety records and performance which will positively impact the bottom line.



Vision and Commitment to make road safer



Doha, May 22, 2012

IRU Academy trains Qatari Instructors on CPC Driver Programme



Photo: IRU Academy
[click to enlarge](#)

The IRU Academy conducted a 'Train the Trainers' session on its Certificate of Professional Competence (CPC) Driver Programme, attended by 14 instructors from its Qatari Accredited Training Institute (ATI) Mowasalat, which focused on transferring training methodology, presenting training material and sharing best practices through group exercises and activities.

IRU Academy interactive sessions aim to equip instructors with the necessary tools to deliver high quality training to professional managers and drivers, which benefits road safety, transport efficiency and society as a whole.

*Working together
for a better future*



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