



# DEVELOPMENT OF EQUIPMENT CERTIFICATION CENTRES FOR THE TRANSPORTATION OF PERISHABLE GOODS IN KAZAKHSTAN, KYRGYZ REPUBLIC, TAJIKISTAN, UZBEKISTAN AND TURKMENISTAN IN THE FRAME OF ATP AGREEMENT

**SPECA PWG-TBC**  
**17 March 2009**



UNECE Agreement on the International Carriage of Perishable Foodstuffs and on the Special Equipment to be used for such Carriage (ATP Agreement) regulates the International transportation of

Perishable Foodstuffs

Frozen, Deep and Quick-Frozen Food

Chilled Food like Meat, Milk, Fish, Fresh Dairy Products,  
Ready cooked food

A EUROPEAN UNION  
FUNDED PROJECT

# DEVELOPMENT OF EQUIPMENT CERTIFICATION CENTRES AGREEMENT FOR THE TRANSPORTATION OF PERISHABLE GOODS (ATP)





## History of the ATP Agreement

The Agreement was concluded in Geneva on 1 September 1970

At the beginning 7 States signed it:

Austria, Germany, Italy, Luxembourg, the Netherlands, Portugal,  
Switzerland

5 States signed it with ratification:

France, Russia, Spain, Germany, Yugoslavia

It entered into force on 21 November 1976





# Parties of the ATP Agreement





## Duties of the Contracting Parties

They shall take measures to inspect and test the equipment in conformity with the ATP standards

They shall recognize the validity of a certificate of compliance of another Contracting Party

They should recognize test reports issued by a testing station of another Contracting Party



## ATP Agreement structure

ATP Agreement consist of:

The Agreement itself (based on 4 Chapters and 20 articles)  
It's the legal text containing an overview of all ATP matters

3 Technical Annexes



## ATP Agreement structure (Annexes)

Annex 1: Defines the standards to be used for the special equipment and how the equipment should be checked

Annex 2: Defines the temperature conditions during the transport of quick frozen and frozen food

Annex 3: Defines the temperature conditions during the transport of chilled products





## Working Package WP.11

WP.11 is a UNECE Working Group on transportation of perishable goods

It is used for discussions to update and amend the ATP Agreement

Members of the WP.11 are the delegates of the Contracting Parties

WP.11 meetings take place in Geneva, at least once in a year (usually in October - November)

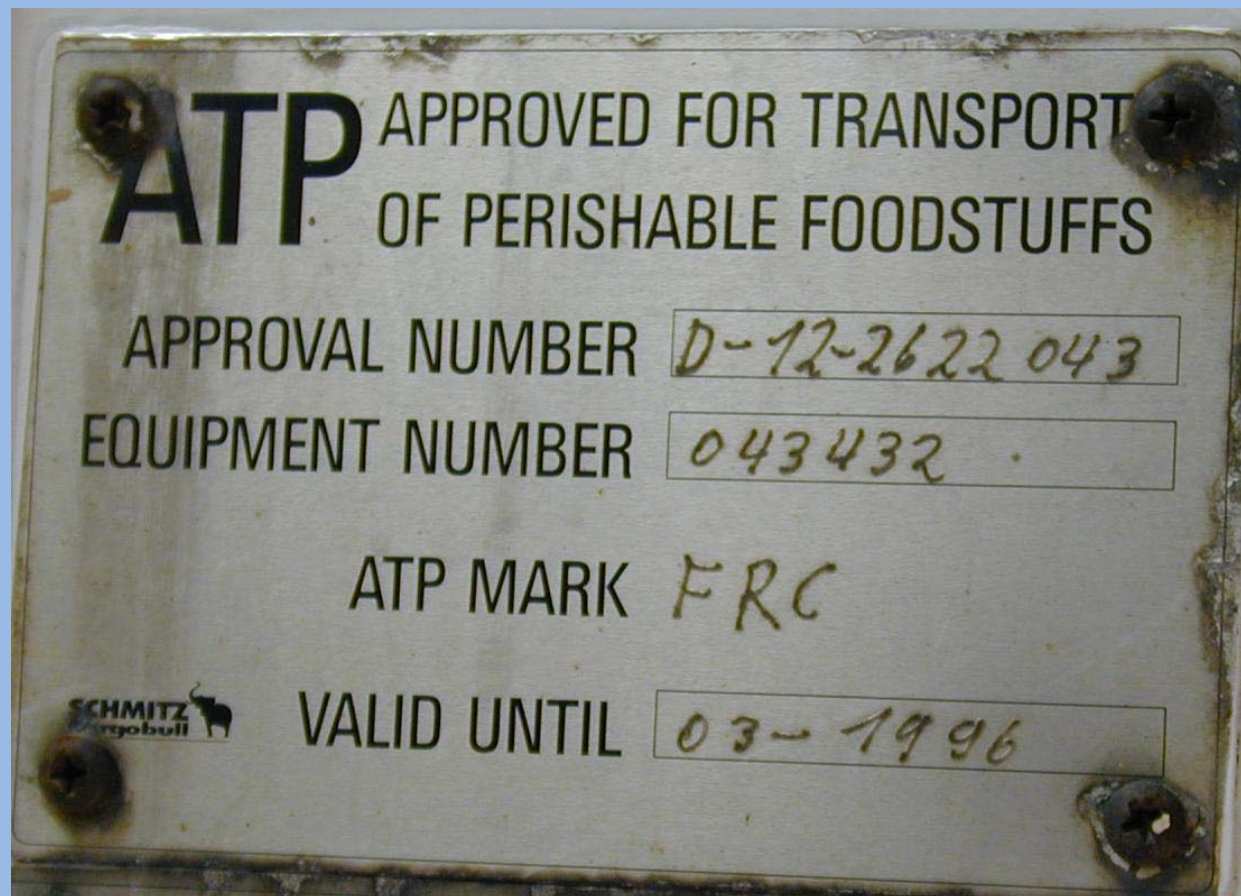


# ATP Documents – Certificate of Compliance

|   | Mezzo<br>Engin             |   |                           |        |      |   |   |        |        |   |   |        |        |   |   |
|---|----------------------------|---|---------------------------|--------|------|---|---|--------|--------|---|---|--------|--------|---|---|
| Isotermico<br>Isotherme   | Refrigerato<br>Refrigerant | Frigorifero<br>Frigorifique   | Calorifico<br>Calorifique |        |      |   |   |        |        |   |   |        |        |   |   |
| <p>ϕ 2VR 576155</p> <p><b>ATTESTAZIONE<br/>ATTESTATION</b></p> <p>Rilasciata conformemente all'accordo relativo ai trasporti internazionali di derrate deperibili ed ai mezzi speciali utilizzati per questi trasporti<br/>(Délivré conformément à l'Accord relatif aux transports internationaux de denrées périssables et aux engins spéciaux à utiliser pour ces transport - ATP)</p>  |                            |   |                           |        |      |   |   |        |        |   |   |        |        |   |   |
| <p>1. Autorità che rilascia l'autorizzazione <b>MINISTERO DEI TRASPORTI - M.C.T.C. di Verona</b><br/>(Autorité délivrant l'attestation)</p>   |                            |   |                           |        |      |   |   |        |        |   |   |        |        |   |   |
| <p>2. Mezzo <b>DAF N V AE47WS 410</b><br/>(Engin)</p>   |                            | <p>Telaio <b>XLRAE47WSOE372057</b> (**)</p>                                       |                           |        |      |   |   |        |        |   |   |        |        |   |   |
| <p>3. Numero di targa <b>VR A05737</b> rilasciato dalla M.C.T.C. di <b>VERONA</b><br/>(Numéro d'identification)</p>   |                            |   |                           |        |      |   |   |        |        |   |   |        |        |   |   |
| <p>4. Di proprietà o utilizzato da <b>QUATTRIN ORLANDO – ALBAREDO D'ADIGE (VR)</b><br/>(Appartenant à ou exploité par)</p>  |                            |   |                           |        |      |   |   |        |        |   |   |        |        |   |   |
| <p>5. Presentato da <b>QUATTRIN ORLANDO – ALBAREDO D'ADIGE (VR)</b><br/>(Présenté par)</p>  |                            |   |                           |        |      |   |   |        |        |   |   |        |        |   |   |
| <p>6. E' stato riconosciuto come <b>ISOTERMICO NORMALE DI CLASSE IN (***)</b></p>   |                            |   |                           |        |      |   |   |        |        |   |   |        |        |   |   |
| <p>6.1. con dispositivo (i) termico (i)<br/>(avec dispositif (s) thermique (s)) :</p> <p>6.1.1-<b>autonomo (autonome)</b><br/>6.1.2-<b>non autonomo (non autonome)</b><br/>6.1.3-<b>asportabile (amovible)</b><br/>6.1.4-<b>non asportabile (non amovible)</b></p>  |                            |   |                           |        |      |   |   |        |        |   |   |        |        |   |   |
| <p>7. Motivo per cui viene rilasciato l'attestato<br/>(Base de délivrance de l'attestation) :</p>   |                            | <p><b>FURGONE FRIGOS mod. S6P977258276<br/>n. 003S6/02 - OL 90645 VR</b></p>      |                           |        |      |   |   |        |        |   |   |        |        |   |   |
| <p>7.1. Questo attestato e' rilasciato sulla base :<br/>(Cette attestation est délivrée sur la base):</p>   |                            |   |                           |        |      |   |   |        |        |   |   |        |        |   |   |
| <p>7.1.1. del collaudo del mezzo di trasporto<br/>(de l'essai de l'engin)</p>   |                            |   |                           |        |      |   |   |        |        |   |   |        |        |   |   |
| <p>7.1.2. della conformità del mezzo di trasporto campione<br/>(de la conformité à un engin de référence)</p>   |                            |   |                           |        |      |   |   |        |        |   |   |        |        |   |   |
| <p>7.1.3. di un controllo periodico <b>Es. ATP CECCHERINI Ing. MANLIO – D.M. 09.08.85</b><br/>(d'un contrôle périodique verb. n. 01025/29/VR del 29/01/2001)</p>  |                            |   |                           |        |      |   |   |        |        |   |   |        |        |   |   |
| <p>7.1.4. di disposizioni transitorie<br/>(de dispositions transitoires)</p>  |                            |   |                           |        |      |   |   |        |        |   |   |        |        |   |   |
| <p>7.2. Qualora l'attestato venga rilasciato sulla base di collaudo o con riferimento ad un mezzo di trasporto dello stesso tipo, che subito il collaudo indicare :<br/>(Lorsque l'attestation est délivrée sur la base d'un essai ou par référence à un engin de même type ayant subi un essai, indiquer) :</p>  |                            |   |                           |        |      |   |   |        |        |   |   |        |        |   |   |
| <p>7.2.1. la denominazione della stazione di collaudo <b>CSI – BOLLATE (MI)</b><br/>(la station d'essai)</p>  |                            |   |                           |        |      |   |   |        |        |   |   |        |        |   |   |
| <p>7.2.2. la natura dei collaudi (2) <b>DETERMINAZIONE DEL "K" SUL MEZZO PROTOTIPO</b><br/>(la nature des essais)</p>   |                            |   |                           |        |      |   |   |        |        |   |   |        |        |   |   |
| <p>7.2.3. il numero del verbale o dei verbali di collaudo <b>420/CSI/90 (ISO)</b><br/>(le ou les numéros du ou des procès-verbaux)</p>  |                            |   |                           |        |      |   |   |        |        |   |   |        |        |   |   |
| <p>7.2.4. il valore del coefficiente K <b>0.342 W/m²°C (declassato a IN)</b><br/>(la valeur du coefficient K)</p>   |                            |   |                           |        |      |   |   |        |        |   |   |        |        |   |   |
| <p>7.2.5. la potenza frigorifera utile (3) ad una temperatura esterna di 30° C e ad una temperatura all'interno di<br/>(la puissance frigorifique utile (3) à la température extérieure de 30 °C et à la température intérieure de)</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; text-align: center;">- do -</td> <td style="width: 10%; text-align: center;">0 °C</td> <td style="width: 10%; text-align: center;">W</td> <td style="width: 10%; text-align: center;">W</td> </tr> <tr> <td style="text-align: center;">- do -</td> <td style="text-align: center;">-10 °C</td> <td style="text-align: center;">W</td> <td style="text-align: center;">W</td> </tr> <tr> <td style="text-align: center;">- do -</td> <td style="text-align: center;">-20 °C</td> <td style="text-align: center;">W</td> <td style="text-align: center;">W</td> </tr> </table> |                            |   |                           | - do - | 0 °C | W | W | - do - | -10 °C | W | W | - do - | -20 °C | W | W |
| - do -  | 0 °C                       | W   | W                         |        |      |   |   |        |        |   |   |        |        |   |   |
| - do -  | -10 °C                     | W   | W                         |        |      |   |   |        |        |   |   |        |        |   |   |
| - do -  | -20 °C                     | W   | W                         |        |      |   |   |        |        |   |   |        |        |   |   |
| <p>8. Questo attestato è valevole fino al <b>GIUGNO 2004</b><br/>(Cette attestation est valable jusqu'au)</p>   |                            |   |                           |        |      |   |   |        |        |   |   |        |        |   |   |
| <p>8.1. A condizione:<br/>(Sous réserve):</p>   |                            |   |                           |        |      |   |   |        |        |   |   |        |        |   |   |
| <p>8.1.1. che la carrozzeria isotermica e, ove occorra, l'attrezzatura termica siano mantenute in buono stato ;<br/>(que la caisse isotherme et, les cas échéant, l'équipement thermique, soit maintenue en bon état d'entretien)</p>   |                            |   |                           |        |      |   |   |        |        |   |   |        |        |   |   |
| <p>8.1.2. che l'attrezzatura termica non subisca alcuna modifica notevole ;<br/>(qu'aucune modification importante ne soit apportée aux dispositifs thermiques)</p>   |                            |   |                           |        |      |   |   |        |        |   |   |        |        |   |   |
| <p>8.1.3. che, in caso di sostituzione dell'attrezzatura termica con un'altra, quest'ultima abbia una potenza frigorifera uguale o superiore.<br/>(que si le dispositif thermique est remplacé, le dispositif de remplacement ait une puissance frigorifique égale ou supérieure à celle du dispositif remplacé).</p>   |                            |   |                           |        |      |   |   |        |        |   |   |        |        |   |   |
| <p>9. Fatto a <u>VERONA</u> il <u>16 FEB. 2001</u><br/>(Fait a _____ 10. le _____)</p>  |                            |   |                           |        |      |   |   |        |        |   |   |        |        |   |   |
| <p>Data primo rilascio : <u>11/01/1992 (n. attestazione 02VR389137)</u></p>   |                            |   |                           |        |      |   |   |        |        |   |   |        |        |   |   |
|   |                            | <p>(Autorità competente a rilasciare l'attestato)<br/>(L'Autorité compétente)</p> |                           |        |      |   |   |        |        |   |   |        |        |   |   |
| <p>Operazione _____ del _____</p>   |                            |   |                           |        |      |   |   |        |        |   |   |        |        |   |   |
| <p>(*) Cancellare la dicitura che non ricorre<br/>(**) Indicare la classificazione del veicolo (autocarro, rimorchio, semirimorchio ecc.)<br/>(***) Iscrivere le denominazioni relative all'inquadramento sulle classi specificate nell'Allegato A nonché le rispettive sigle d'individuazione. Ad es.: frigorifero rinforzato classe B con gruppo e calorifico rinforzato classe B - sigla FRB/CRB</p>   |                            |   |                           |        |      |   |   |        |        |   |   |        |        |   |   |
| <p>(1) Cancellare le menzioni inutili.<br/>(2) Ad esempio: le proprietà isotermiche e l'efficienza dell'attrezzatura isotermica.<br/>(3) Nel caso in cui la potenza frigorifera venga misurata in conformità alle disposizioni del paragrafo 42 dell'appendice 2 del presente allegato.<br/>(Dans le cas où les puissances ont été mesurées selon les dispositions de paragraphe 42 de l'appendice 2 de la présente annexe)</p>   |                            |   |                           |        |      |   |   |        |        |   |   |        |        |   |   |



## ATP Documents – Certification Plate







## ATP Documents – Manufacturer Plate (Refrigerating Appliance)







## ATP Documents – Distinguishing Marks





## Enforcement

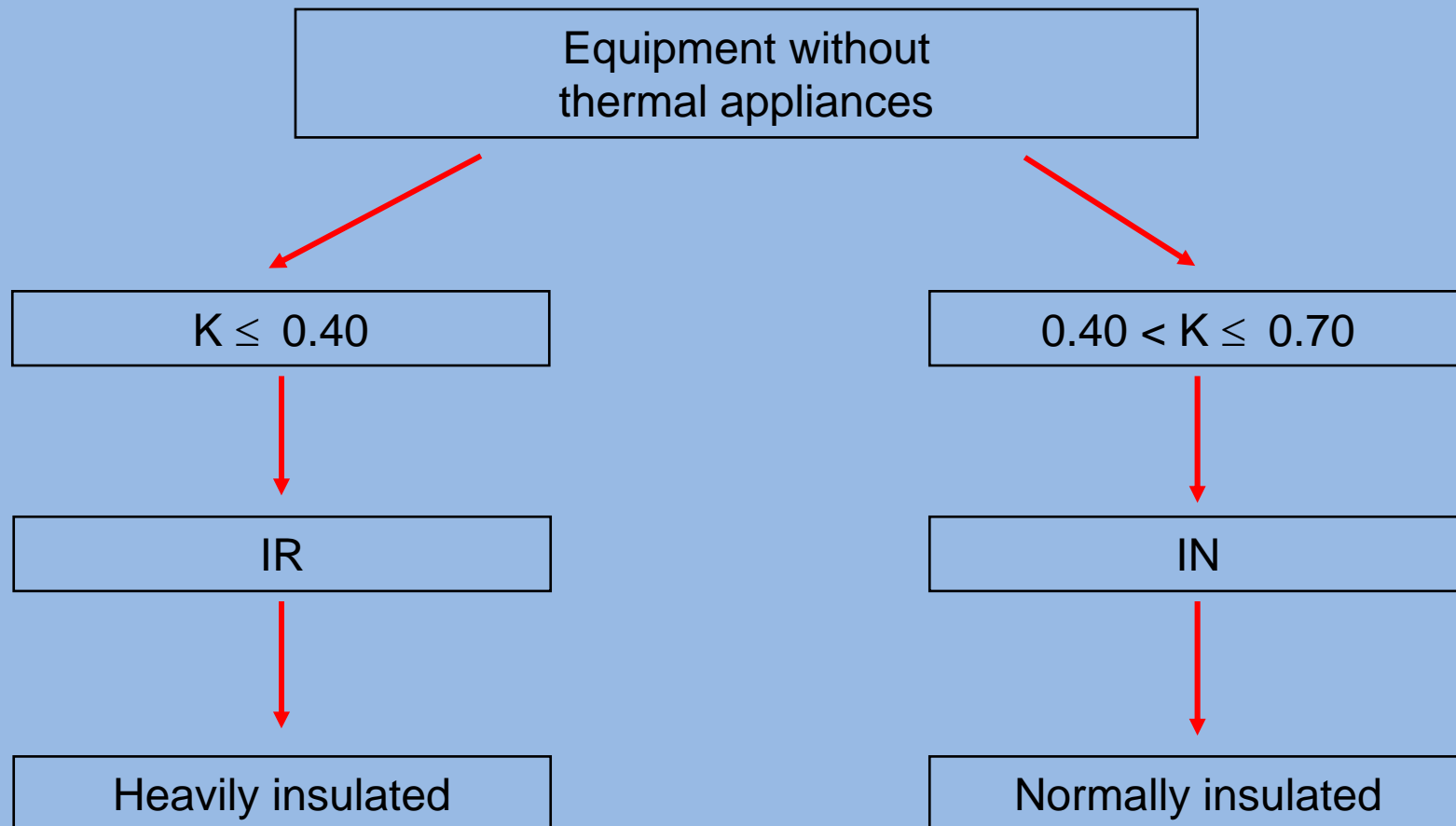
ATP is an Agreement between states. There is no overall enforcing authority

Checks and controls are carried out by national authorities

Non-compliance may result in legal action and penalties against operators

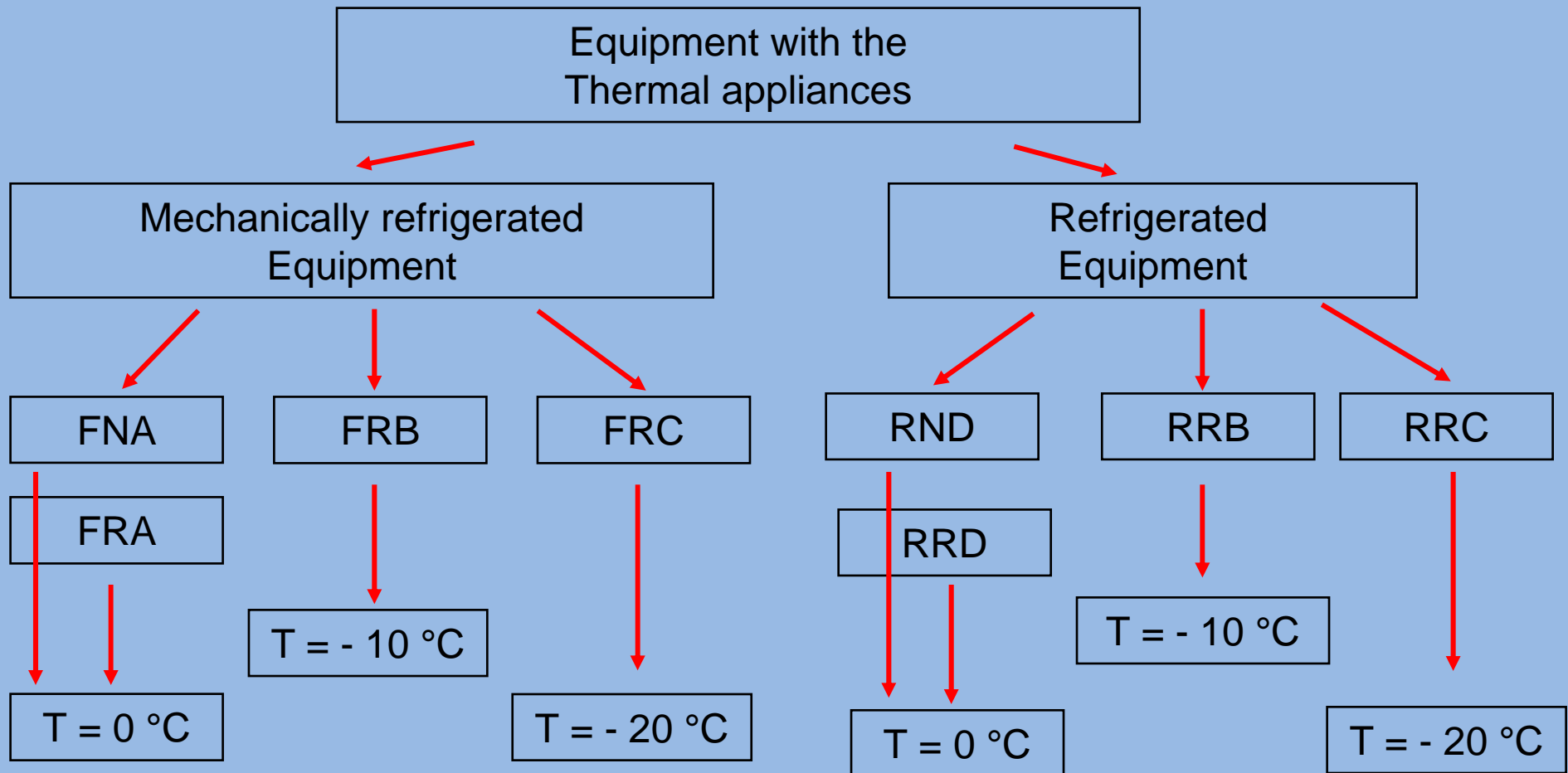


## ATP Classification





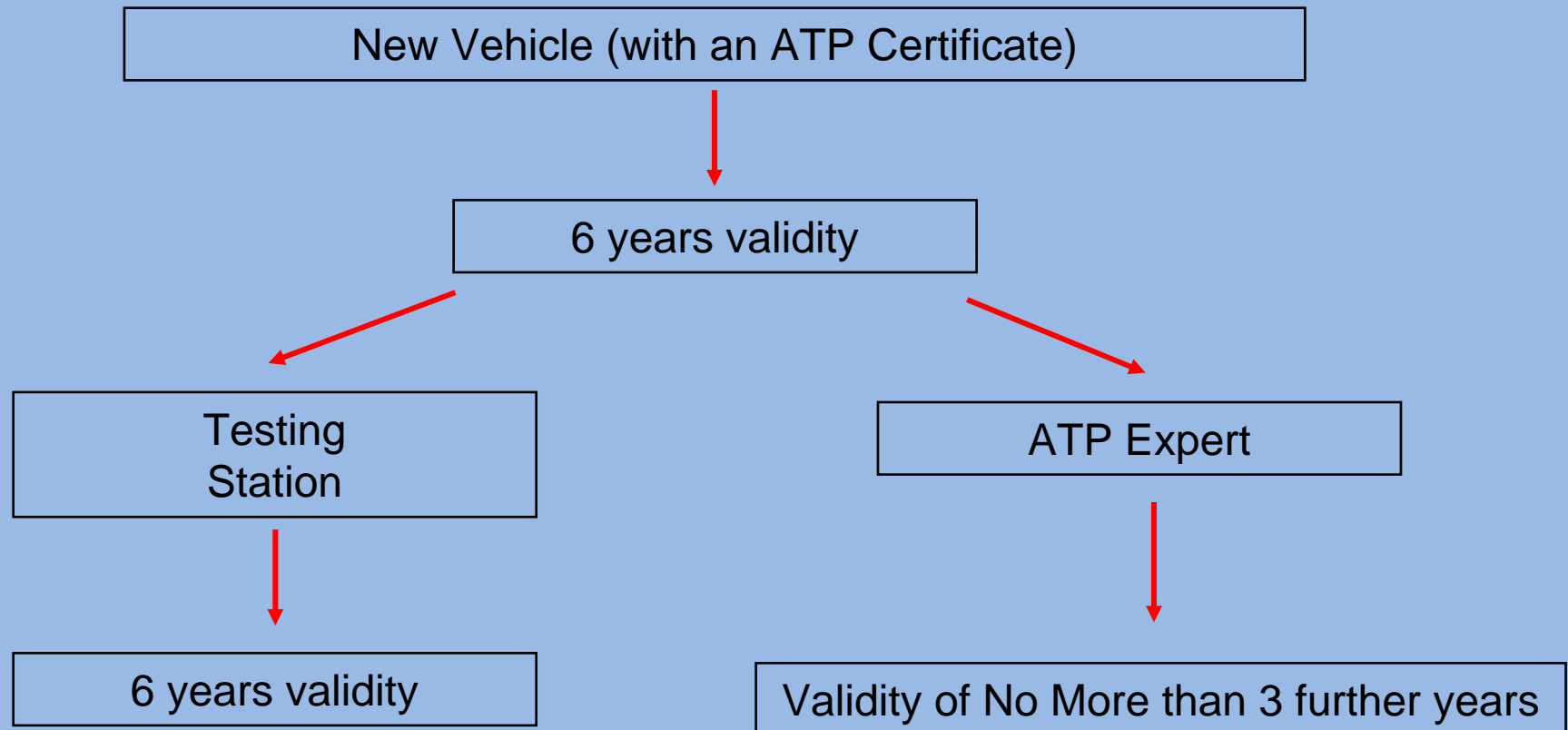
## ATP Classification





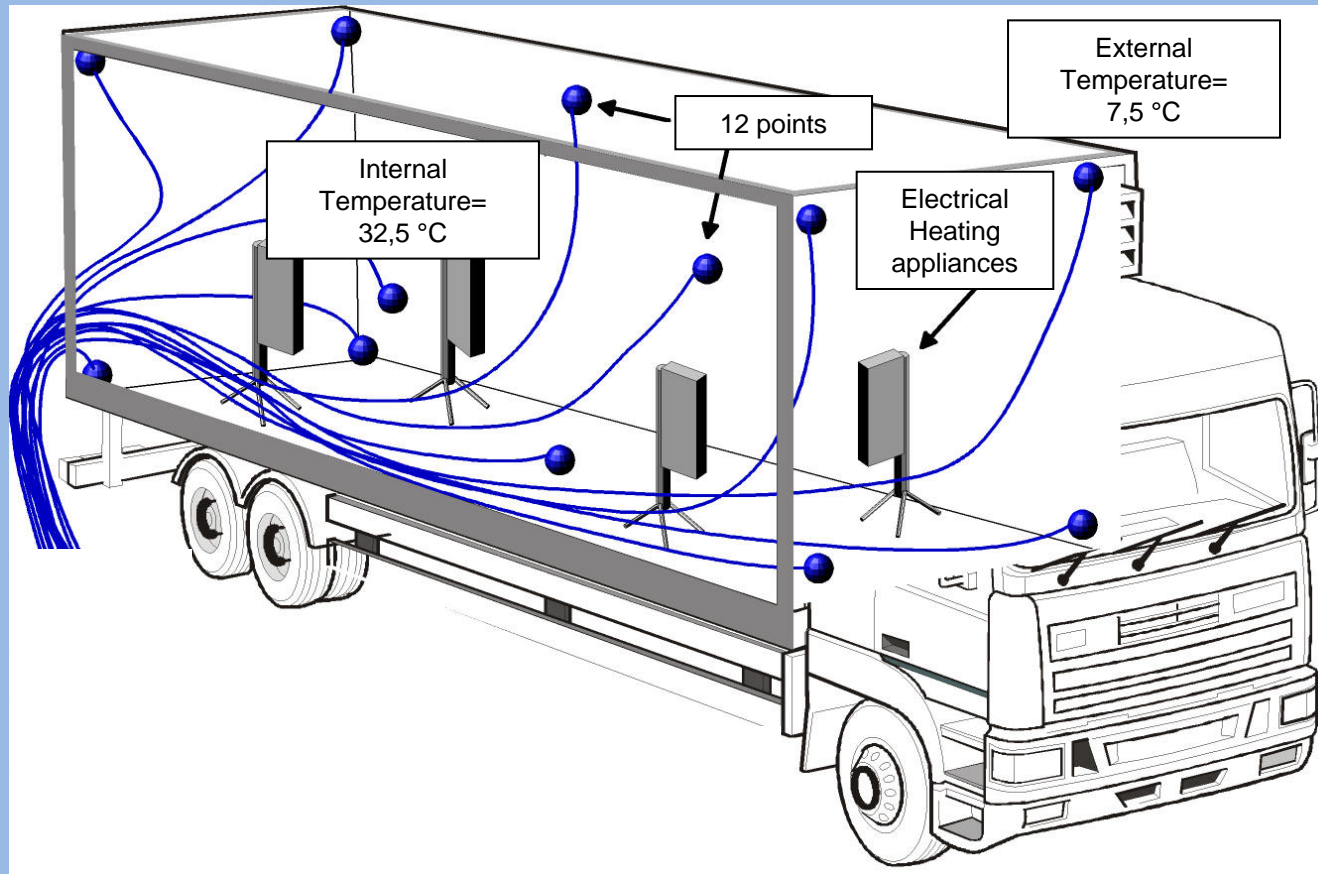


## “History” of an ATP vehicle (International Agreement)





## Test for the vehicle insulation – determination of K factor



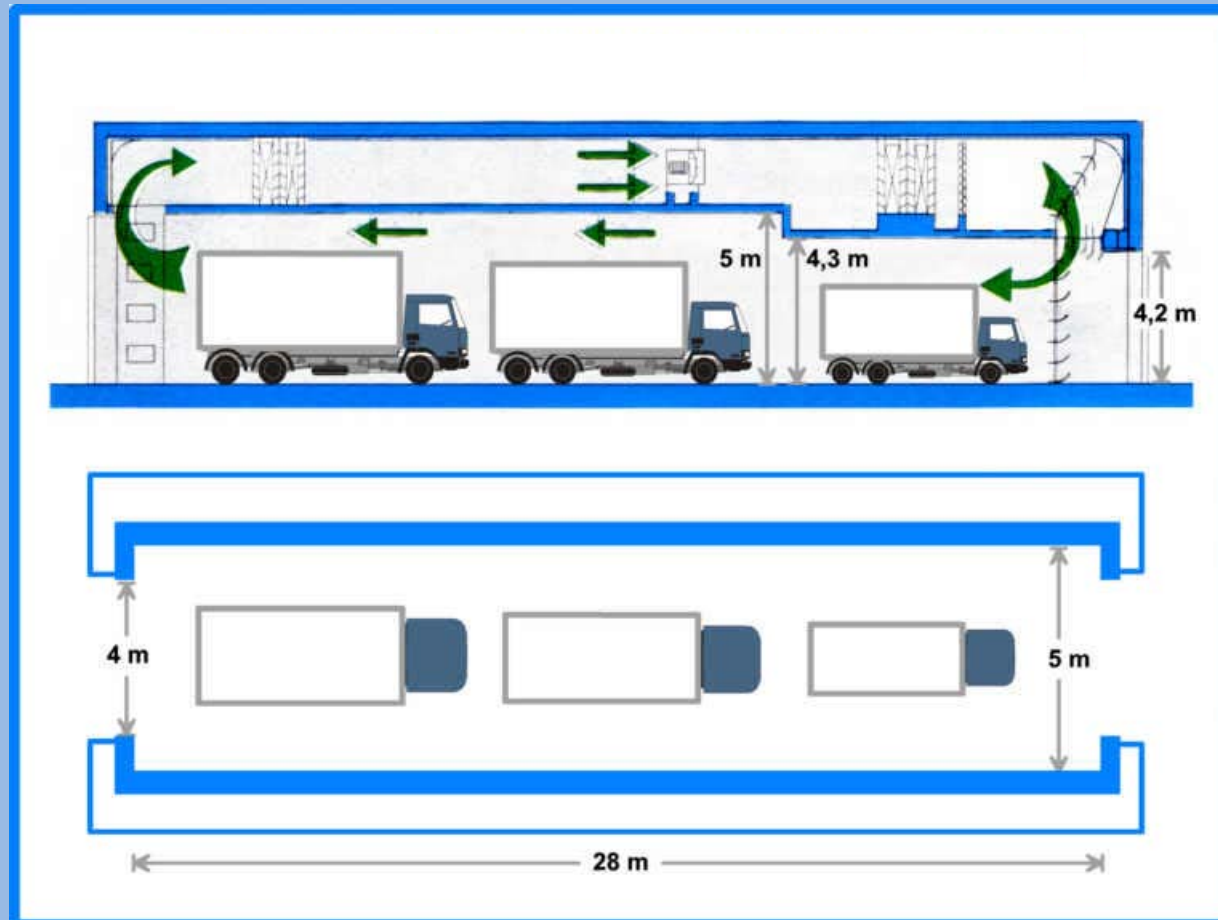


## Test for the vehicle insulation – determination of K factor





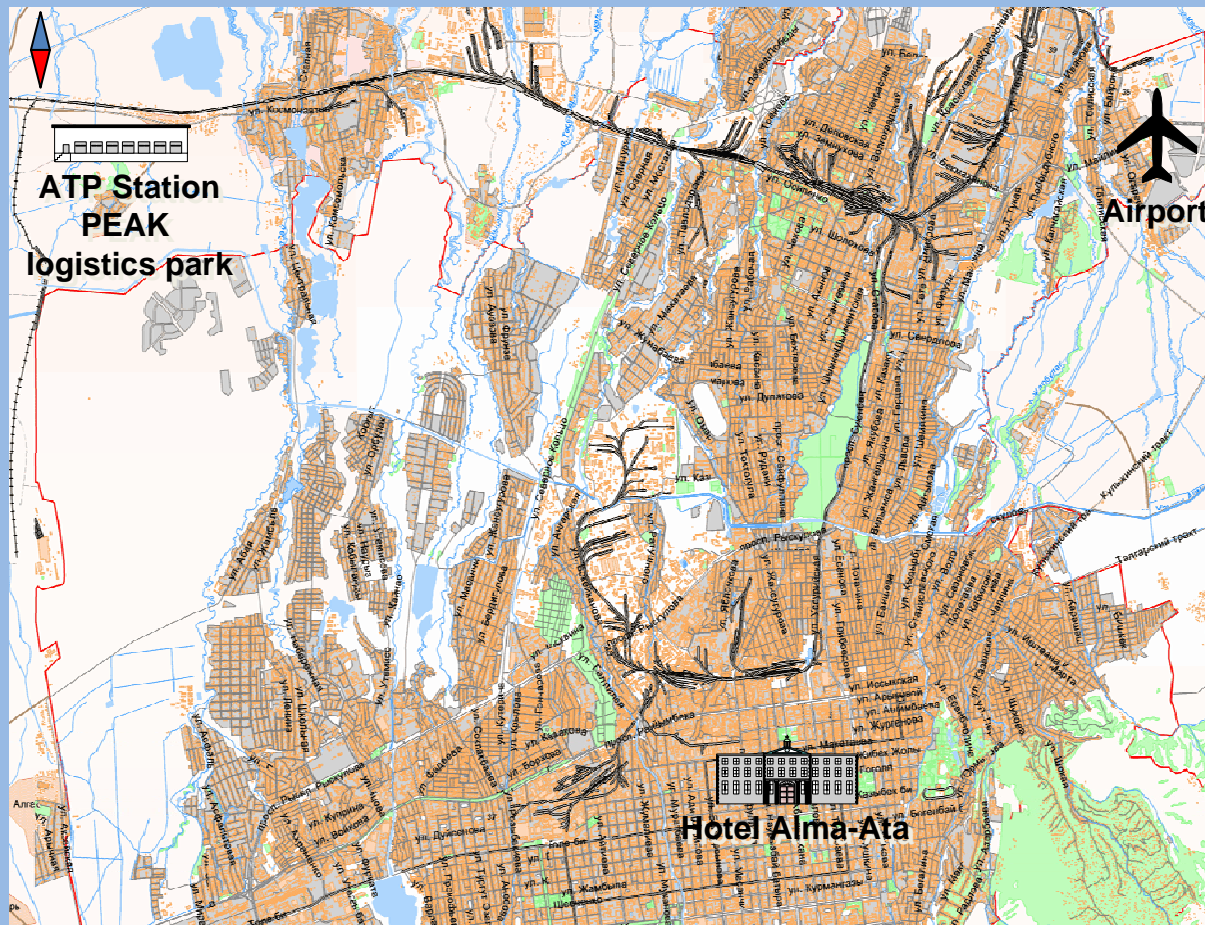
## ATP testing station in Padua, Italy







## ATP Testing station in Kazakhstan





## ATP Project

Financed by the European Union in the amount of 2 mln. EUR  
Project timeframe – July 2007 – November 2009

### Achievements:

- Financing and procurement of equipment for the ATP testing stations
- Perishable goods transportation market analysis  
<http://www.atpproject.kz/Appx%201%20Market%20Assessment%20ENG%20Final.pdf>
- Cross Border Points Monitoring  
<http://www.atpproject.kz/Appx%201%20CBP%20Monitoring%20eng.pdf>
- Joint Round Table with the MTC of Kyrgyzstan and USAID RTALC project about the UNECE Transport Conventions  
<http://www.atpproject.kz/UNECE%20Conventions%20eng.pdf>
- Legal documents, technical requirements, instructions, reports, presentations, training materials are available on the site  
[www.atpproject.kz](http://www.atpproject.kz)



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The Project Website [www.atpproject.kz](http://www.atpproject.kz)

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