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ATP INSULATION KITS

**Transmitted by the Liaison Committee of the Body
and Trailer Building Industry (CLCCR)**

Introduction

The procedure for approval of a body from an installed insulation kit is not described in the ATP Agreement. Including such a procedure within the ATP Agreement would make the ATP Agreement more comprehensive than it is today.

In this document all of the comments have been included that WP.11 delegates made on the draft of this proposal that was sent to WP.11 delegations in April 2003.

This proposal adopts current best practice and introduces it as the recognized procedure.

Justification

The procedures as laid down in this proposal enable the use of an ATP Type Test Certificate for subsequent identical kits when a set of specified requirements are met.

Under this proposal the manufacturer of the kit, as holder of the Type Test Certificate, is responsible for the finished product.

Summary

The proposal introduces definitions for the entities involved, assigns the responsibilities for the stages of manufacture and the subsequent approval processes.

The proposal establishes the requirements placed upon the kit manufacturer and upon the installer. The proposal also introduces the documentation required to be supplied to the ATP approval authority in the country of registration.

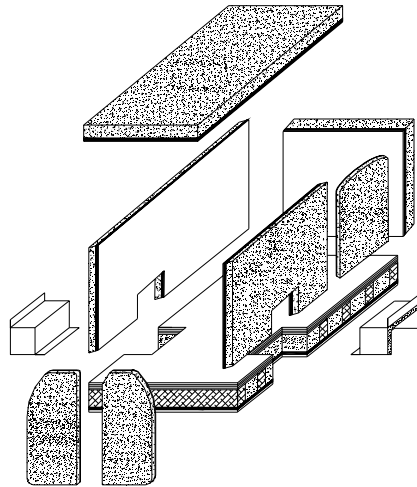
In Annex 1, Appendix 2 of the ATP agreement, insert the following:

F. INSULATION KITS

65. Definitions

For the purposes of this appendix:

- (a) Insulation kit : means a set of moulded insulating panels specifically designed to cover the inside of a particular vehicle model. The kit must, as a minimum, consist of those parts of importance to the overall heat transfer: side walls, a roof, a floor, a front end and a rear end, as well as their means of connection. Each part may consist of more than one moulded element. Rear door(s) and side door(s), if any, can be supplied not assembled but they must be complete with seals.



- (b) Installed insulation kit: means an insulation kit that has been installed in accordance with the manufacturer's instructions and which is in conformity with the type that has been tested and approved by an approved ATP testing station.
- (c) Manufacturer: means the organization that has design responsibility for the kit and to which the Type Test Certificate has been issued.

(d) Installer: means the organization that has installed the insulation kit in conformance with the manufacturer's instructions.

66. Manufacturer's responsibility

The manufacturer must have an installed insulation kit ATP type tested prior to supplying kits to assemblers. An ATP type test for a particular kit remains valid for 6 years or 100 kits. After 6 years or 100 kits a new ATP type test is to be carried out.

The manufacturer must attest that the installer has the competence to install the kit in accordance with the manufacturer's instructions. The manufacturer shall conduct audits at least every 3 years, to verify the continued competence of the installer.

The manufacturer must ensure that the kit delivered corresponds with the type tested and that the inside surface area does not vary by more than +/- 20% of the surface area of the type tested.

The manufacturer must supply at least all parts as used in the ATP type test.

The manufacturer must provide the installer with a parts list corresponding to the kit delivered. The parts list must bear the kit serial number. The manufacturer must provide detailed installation instructions with each kit. These instructions must include the principal internal dimensions of length, height and width.

The manufacturer must supply evidence to the installer that the constituent parts of the kit are in conformity with the parts used in the construction that has been tested and approved by the approved testing station.

The manufacturer must deliver a filled-in type plate installed on the kit. The type plate must state the manufacturer's trade name and/or mark, address, kit serial number and kit production date.

The manufacturer's instructions must provide details on at least the following:

- the installation sequence;
- the fixing of the refrigeration unit, if applicable, and
- details on the handling and use of all those components contributing to the heat transfer.
This includes the adhesive(s).

The manufacturer must keep a record relating kit serial numbers to the installer to which the kits were supplied.

The manufacturer must complete the Declaration of Compliance of the Insulation Kit with the ATP Type Test Report.

67. Installer's responsibility

Before installation of the first kit, the installer must be in possession of a certificate issued by the kit manufacturer attesting his competence in relation to the type of kit to be installed.

The original type plate installed by the manufacturer must not be removed by the installer.

The installer must ensure that the manufacturer's instructions are fully adhered to and that an appropriate quality management system is practiced.

The installer must complete the Declaration of Conformity for a Body from a Kit.

68. Approval process

Bodies may be sold in the name of the manufacturer and/or of the installer. However, it must be possible to identify the manufacturer from the documentation and from the type plate. If it is not possible to identify the manufacturer, the body will be considered as a new type and must be tested by an approved testing station. The subsequent re-testing renders the original type test invalid and the manufacturer no longer bears any responsibility in relation to that body.

The type test certificate issued to the manufacturer by the approved testing station can only remain valid, if:

- the kit supplied contains at least all those parts as used in the ATP type test;
- the internal dimensions of the kit supplied have not been changed;
- the manufacturer's installation instructions have been fully complied with, and
- any additional equipment affecting the overall heat transfer was present at the time of the original type test.

Where this requirement is not fully complied with, a new ATP type test must be conducted.

In addition to the normal documentation required under the ATP agreement for an individual ATP approval certificate, the following must be supplied:

- a Declaration by the manufacturer of compliance of the Insulation Kit with the ATP Type Test Report
- a Declaration of Conformity for insulation from a kit, completed by the installer, and
- a copy of the certificate issued by the manufacturer attesting the competence of the installer to install the relevant kit for which approval is being sought.

The competent ATP Authority may inspect each installed insulation kit prior to issuing an ATP certificate.

MODEL No. 11

Declaration by the manufacturer of compliance of the Insulation Kit with the ATP Type Test Report

Manufacturer's
Name and
Address

Type of equipment (wagon, semi-trailer, trailer, container, etc.)

Insulation kit serial number
Date of manufacture of the insulation kit

Internal dimensions of the body that was ATP type tested (mm) :
length....., **width**, **height**
Thickness of insulation (mm): side wall....., **roof**....., **floor**.....
front end....., **rear end**....., **door**.....

ATP type test report number
K-value **W/m²K** (according to the ATP type test report)
Date of ATP type test report

The manufacturer certifies that all parts supplied within this Insulation Kit correspond exactly to the parts as used in the Body that was ATP Type tested.

Signature of manufacturer

Manufacturer's stamp

Name
Function in company
Date

MODEL No. 12

Declaration of Conformity for a Body installed from a kit

Manufacturer's
Name and
Address

Type of equipment (wagon, semi-trailer, trailer, container, etc.)

Insulation kit serial number
Date of manufacture of the insulation kit
Internal dimensions (mm): length....., **width**, **height**
Thickness of insulation (mm): side wall....., **roof**....., **floor**.....
front end....., **rear end**....., **door**.....

ATP type test report number
K-value **W/m²K** (according to the ATP type test report)
Date of the ATP type test report

Installer's
Name and
Address

Installer's identification of body (if any)

The installer certifies that for the above body the manufacturer's instructions have been strictly adhered to and that no modifications to the insulation panels have been carried out.

Signature of installer

Installer's stamp

Name
Function in company
Date
