



C L E P A

*European Association of
Automotive Suppliers*

Informal document **GRSP-53-24**
(53nd GRSP, 13 - 17 May 2013,
agenda item 19)

CLEPA analysis Future i-Size approval possibilities

FOR GRSP CONSIDERATION

15 May 2013.

i-Size text

- *5.2 “A type of Child Restraint System approved according to this regulation shall not bear another approval mark according to R44.”*

Questions:

- How should “type” be interpreted?
- Does this mean that one CRS, identical in shape, form and name, shall not bear both an R44 and i-Size label?
- How different should 2 CRS be, to be allowed to have differs in size, form or name between them?



Dual approval

Not Possible

1 seat,
containing
2 labels on
the same
physical
product.



Definition: To
identify this
situation, it's
enough to have 1
product at hand





Separate Approval

Possible



Name = XYZ

- A seat meeting all req's of R44

2 physically
similar
seats !



Seats are
different by
name.

Definition: To
identify this
situation, you
need to buy 2
products.



Name = ABC

- A seat meeting all req's of i-Size

Current situation



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in the market : Infant Carriers

Since 30 years a solution has been developed for global transportation of babies : **The travel system.**

A system allowing the fluent transportation of a baby from home to pushchairs and to the car.



Stroller often the driver to the infant carrier purchase

This system includes a belted infant carrier, a stroller and a base which facilitates installation in cars



The introduction of isofix bases represents an improvement for ease of use.

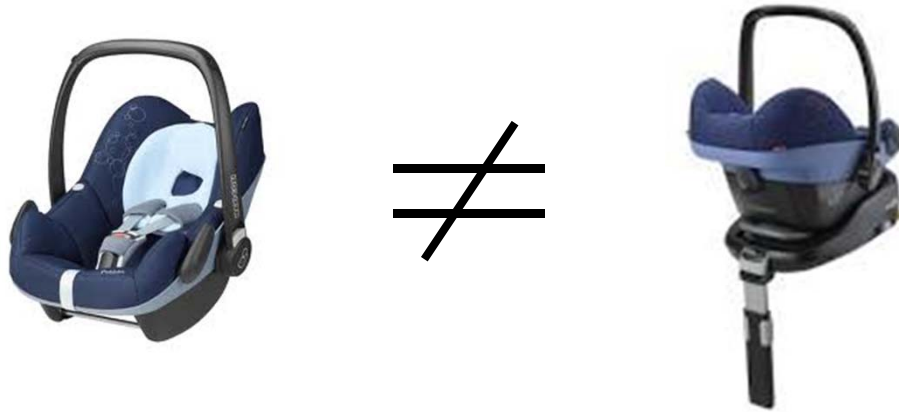
However flexibility is still needed by consumers: installation of shell only; installation of shell on base.



i-Size Possibilities

2 possibilities of infant carrier + base.

1. R44 infant carrier + base = i-Size
2. Infant carrier + base = i-Size



- A babyshell is quite different compared to a babyshell + base . (looks, mass, volume etc)
- It should be classified as a different “type” in the i-Size definition.

1. i-Size containing an R44 element

R44



Meets all i-Size criteria



2. i-Size

No homologation



Meets all i-Size criteria





Expected misuse; Infant Carrier w.o. any attachment provision



I-Size Infant Carrier with **creative** belt installation.
Eg., this is dangerous!

Consequences & Proposed Solution

- Scenario 1 allows possibility to integrate infant carriers within i-Size (mitigating the risks) and will continue, with the removal of R44 and the introduction of belted products in Reg 1XX.
- Scenario 2 may have the following consequences :
 - Possibility to introduce, in an i-Size system with base, an infant carrier not homologated without belt routing (no labelling), with an important risk of Misuse
 - Manufacturer won't use i-Size Reg with infant carrier on an isofix base
 - With removal of isofix from R44 and removal of belts from Reg 1XX, no more isofix base for infant carrier.

Consequences & Proposed Solution

Proposed Scenario 1 as the solution

**Expectation : GRSP opinion and
guidance on proposed solution**