CLEPA proposal to define areas on the ECRS which should be marked for intuitive belt routing

March 09, 2017.
CLEPA Offices
Background of this proposal

• Input from installers during workshop about R129-Phase 3: „Installation should be intuitive.“

• Attempt to translate the request of intuitive installation to the regulation by CLEPA during the workshop:
  -> All belt paths incl. minor parts should be marked.

• Define attributes of areas on the ECRS which should be marked to achieve intuitive installation
Proposal for § and wording in R129:

§4.3 For Integral Belted ECRS held in place by the adult safety belt the webbing paths [according to § xxx] shall be clearly indicated by means of a drawing permanently attached to the ECRS and marked on the product by color coding of every area to comply with the following attributes:

- The direction of the belt is changing more than [45 degrees].
- The belt is intended to be attached to the ECRS through a feature like a belt guide, lock-off or likewise.
- The belt is routed through the back rest or the base of the ECRS.

* Additional wording written in bold, original word order changed
Marking requested if: “The direction of the belt is changing more than [45 degrees].”

- Angle change < 45 degrees ➤ No marking
- Angle change > 45 degrees ➤ Marking of belt route

Requirement may cause the need of marks at the outer edges

Question: Eventual limitation of angle change to avoid to complex installation?
Marking requested if:
“The belt is intended to be attached to the ECRS through a feature like a belt guide, lock-off or likewise.”

Examples for such features:
Marking requested if: “The belt is routed through the back rest or the base of the ECRS.”

Belt should be routed underneath the back rest cushion

► Additional indicators may help?

Example where all three mentioned attributes are combined