



THE NETHERLANDS



## COMMUNICATION

Concerning <sup>(1)</sup>:

- approval granted
- approval extended
- ~~-approval refused~~
- ~~-approval withdrawn~~
- ~~-production definitely discontinued~~

of restraining devices for child occupants of power-driven vehicles, pursuant to Regulation number 129.

**Approval number: E4\*129R04/00\*0329\*00**

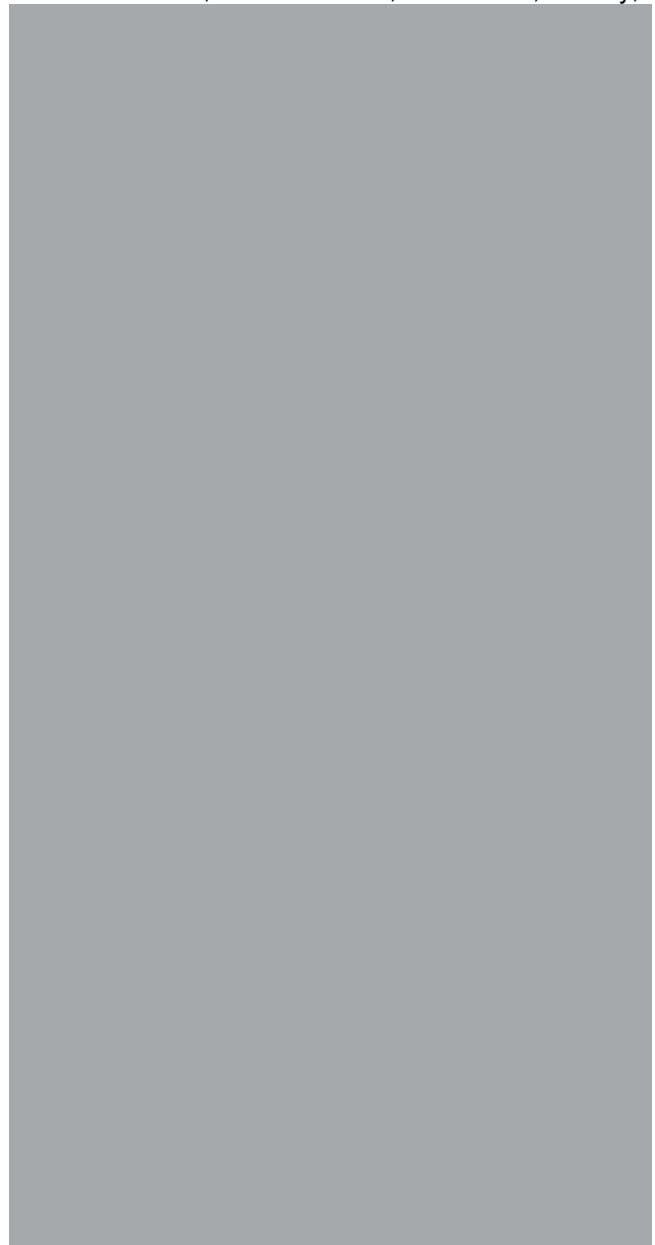
- 1.1. Forward-facing Enhanced Child Restraint System/rearward-facing Enhanced Child Restraint System /~~lateral-facing Enhanced Child Restraint System~~;
- 1.2. Integral/Non integral <sup>(1)</sup>
- 1.3. Belt type : (adult) three-point belt/(adult) lap belt/special type belt/retractor <sup>(1)</sup>;
- 1.4. Other features : chair assembly/impact shield <sup>(1)</sup>



2. Trade name or mark



COOL BABY, COOLBABIES, ZARACOS, Lullaby,





3. Manufacturer's designation of the Enhanced Child Restraint System :G309
4. Manufacturer's name : [Redacted]
5. If applicable, name of his representative :Not applicable
6. Address : [Redacted]
7. Submitted for approval on :Sep. 5<sup>th</sup>, 2024
8. Technical service conducting approval tests :Hestocon Certification Services B.V.  
Lijndonk 4, Unit 10  
4825 BG Breda  
Netherlands
9. Type of device :deceleration/acceleration <sup>(1)</sup>
10. Date of test report issued by that service :Nov. 4<sup>th</sup>, 2024
11. Number of test report issued by that service
12. Approval :ZBU-R129-0646HGZ24-01  
:granted/extended/refused/withdrawn <sup>(1)</sup> for size range 76 to 150 for i-Size ~~specific vehicle or for use as a 'special needs restraint'~~, position in vehicle
13. Position and nature of the marking :Pasted on the back of the product, see Annex 3 of information document
14. Place :Zoetermeer
15. Date :25 November 2024
16. Signature :
17. The following documents, bearing the approval number shown above, are attached to this communication:



R. R. van der Spek

- (a) Drawings, diagrams and plans of the Enhanced Child Restraint System, including any retractor, chair assembly, impact shield fitted;
- (b) Drawings, diagrams and plans of the vehicle structure and the seat structure, as well as of the adjustment system and the attachments, including any energy absorber fitted;
- (c) Photographs of the Enhanced Child Restraint System and/or vehicle structure and seat structure;
- (d) Instructions for fitting and use;
- (e) ~~List of vehicle models for which the restraint is intended.~~

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<sup>(1)</sup>Strike out what does not apply.





**Hestocon  
Certification  
Services b.v.**

Version: R129-S04S00C00R03

Headquarters:

Hestocon Certification Services B.V.  
Lijndonk 4 Unit 10  
4825 BG Breda  
Netherlands



**REPORT No. ZBU-R129-0646HGZ24-01**

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UN Regulation No. 129

Uniform provisions concerning the approval of enhanced child restraint system  
use on board of motor vehicles (ECRS) including all Amendments up to Series 04 Supplement 00

**Manufacturer information**

**Manufacturer**



**Make** : See component specification in this report

**Type** : G309

**Variant(s)/Version(s)** : G309A-I0T, G309B-000, G309B-I00

**Reason for test report** : New granted approval/Extension/Correction/Test report only<sup>(1)</sup>

**Conclusion** : The type of component **FULFILS** / **DOES NOT FULFIL** the technical requirements in application to the above-mentioned regulation.  
See documentation: 129-G309-00 (date: Sep. 4<sup>th</sup>, 2024)

**Tested by** : Long Haihua

**Test date** : Sep. 5<sup>th</sup>, 2024 to Oct. 25<sup>th</sup>, 2024

**Test place** : Jiangsu EQO Testing Services Co., Ltd.

**Place and date of issue** : Breda, Nov. 4<sup>th</sup>, 2024

**Revision** : 00

  
Dongmu Zhang  
Supervising Inspector

  
Ken Wang  
Authorized Inspector

| Approval authority                          | Land/Country    | Designation number |  |
|---------------------------------------------|-----------------|--------------------|---------------------------------------------------------------------------------------|
| Approval Authority of the Netherlands (RDW) | The Netherlands | RDWT-A7Z-xx        |                                                                                       |
| Approval Authority of Ireland (NSAI)        | Ireland         | 00051              |                                                                                       |
| Approval Authority of Denmark (FSTYR)       | Denmark         | FSTYR-2024-776077  |                                                                                       |



### **List of contents**

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| -Reason for extension / correction                                 | :See details in page 3                        |
| -Used test equipment                                               | :See details in page 3 and 4                  |
| -Component / separate technical unit (STU) / vehicle specification | :See details in page 5 to 7                   |
| -Photograph                                                        | :See details in page 7                        |
| -Test requirements and Results                                     | :See details in page 8 to end of the document |
| -Annex 1 Test results                                              | :See details in Annex 1                       |

### **Conformity statement**

Tests were carried out in consideration of worst-case selection principle and cover all the type / versions mentioned above in the test report.

### **Worst case selection principle**

Heaviest variant is chosen to perform the overturning test and dynamic tests.

### **Remarks**

The structures of the variants are almost the same, the differences could be seen in drawings in page 31 to 33 in Annex 5 of Information document.

Heaviest variant G309A-I0T is chosen to perform the overturning test to cover variant G309B-I00 and G309B-000.

As to the dynamic test, the heavier variant G309B-I00 is selected for the tests to cover the other variant G309B-000.

Variant G309A-I0T also subjected the full dynamic tests.

Test was carried out with the component on the same way as the manufacture declared in information document.



**Reason for extension / correction**

Not applicable

**Used test equipment**

| No. | Name of equipment                                         | Make/Type/Serial No.                                                           | Calibration expiry date | Calibration validity |
|-----|-----------------------------------------------------------|--------------------------------------------------------------------------------|-------------------------|----------------------|
| 1A  | <del>Crash bench – acceleration</del>                     | <del>Make: EQO<br/>Type: –<br/>Serial No.: EQO-S-023</del>                     | <del>14/12/2024</del>   | <del>Yes</del>       |
| 1D  | Crash bench – deceleration                                | Make: EQO<br>Type: ECER 129<br>Serial No.: EQO-S-054                           | 22/03/2025              | Yes                  |
| 2A  | <del>Data acquisition system – acceleration</del>         | <del>Make: MESSRING GmbH Type: 4ADA611<br/>Serial No.: AD005</del>             | <del>08/12/2024</del>   | <del>Yes</del>       |
| 2D  | Data acquisition system – deceleration                    | Make: KISTLER-THREDE<br>Type: K3700<br>Serial No.: EQO-S-019                   | 15/02/2025              | Yes                  |
| 3A  | <del>Acceleration sensor – acceleration crash bench</del> | <del>Make: ENDEVCO<br/>Type: 7264C-2000<br/>Serial No.: T20211/EQO-S-396</del> | <del>16/01/2025</del>   | <del>Yes</del>       |
| 3D  | Acceleration sensor – deceleration crash bench            | Make: ENDEVCO<br>Type: 7264C-2000<br>Serial No.: P96962/EQO-S-136              | 16/01/2025              | Yes                  |
| 4   | Environment Testing Machine                               | Make: HORAD<br>Type: H-PTH-1000CKH<br>Serial No.: EQO-S-005                    | 02/12/2024              | Yes                  |
| 5   | Neutral Salt Spray Testing Machine                        | Make: Wuxi Kunyang<br>Type: KY-8613<br>Serial No.: EQO-S-101                   | 02/12/2024              | Yes                  |
| 6   | Q0 Dummy                                                  | Make: FTSS<br>Type: Q0<br>Serial No.: DQ2314/EQO-S-049                         | 01/03/2025              | Yes                  |
| 7   | Q1 Dummy                                                  | Make: FTSS<br>Type: Q1<br>Serial No.: DQ2319/EQO-S-050                         | 29/11/2024              | Yes                  |
| 8   | Q1.5 Dummy                                                | Make: FTSS<br>Type: Q1.5<br>Serial No.: EQO-S-051                              | 09/11/2024              | Yes                  |
| 9   | Q3 Dummy                                                  | Make: FTSS<br>Type: Q3<br>Serial No.: DQ2310/EQO-S-052                         | 04/03/2025              | Yes                  |
| 10  | Q6 Dummy                                                  | Make: FTSS<br>Type: Q6<br>Serial No.: EQO-S-053                                | 01/12/2024              | Yes                  |
| 11  | Q10 Dummy                                                 | Make: FTSS<br>Type: Q10<br>Serial No.: EC9255/EQO-S-268                        | 30/07/2025              | Yes                  |
| 12  | Overturning Tester                                        | Make: Goodbaby<br>Type: ECE R129/ECE R44 Serial No.: EQO-S-057                 | 18/03/2026              | Yes                  |
| 13  | ISOFIX Durable Tester                                     | Make: Goodbaby<br>Type: -<br>Serial No.: EQO-S-041                             | 02/12/2025              | Yes                  |
| 14  | Buckle durability Testing Machine                         | Make: Goodbaby<br>Type: -<br>Serial No.: EQO-S-043                             | 02/12/2025              | Yes                  |



|    |                                                 |                                                                      |            |     |
|----|-------------------------------------------------|----------------------------------------------------------------------|------------|-----|
| 15 | Buckle Loading Releasing Machine                | Make: Suzhou Ligao<br>Type: HF-1503B<br>Serial No.: EQO-S-045        | 02/12/2025 | Yes |
| 16 | Adjusting device condition testing machine      | Make: C-LIN<br>Type: CT6S<br>Serial No.: EQO-S-042                   | 09/12/2024 | Yes |
| 17 | Force measuring meter                           | Make: ALIPO<br>Type: ZP-500<br>Serial No.: EQO-S-320                 | 13/06/2025 | Yes |
| 18 | Geometrical dimensions measuring device         | Make: EQO<br>Type: CRS/MD<br>Serial No.: EQO-S-056                   | 22/03/2026 | Yes |
| 19 | Size envelope box – D, ISO/R2, integral, RF     | Make: Goodbaby<br>Type: –<br>Serial No.: EQO-S-059                   | 22/03/2026 | Yes |
| 20 | Size envelope box – ISO/B2, non-integral, FF    | Make: Goodbaby<br>Type: ISOFIX B2<br>Serial No.: EQO-S-311           | 12/03/2026 | Yes |
| 21 | Size envelope box – B1, ISO/F2X, integral, FF   | Make: Goodbaby<br>Type: ISOFIXB1<br>Serial No.: EQO-S-058            | 22/03/2026 | Yes |
| 22 | Lower torso body block                          | Make: EQO<br>Type: –<br>Serial No.: EQO-S-040                        | 02/04/2024 | Yes |
| 23 | Booster cushion sitting height measuring device | Make: EQO<br>Type: –<br>Serial No.: EQO-S-312                        | 06/02/2026 | Yes |
| 24 | Ruler                                           | Make: Deli<br>Type: (0-5)m<br>Serial No.: EQO-S-110                  | 15/03/2025 | Yes |
| 25 | Energy absorption sensor                        | Make: Ligao Testing<br>Type: HF-1505<br>Serial No.: EQO-S-096        | 02/01/2025 | Yes |
| 26 | Vernier caliper                                 | Make: Shanghai Meinaite<br>Type: (0-150) mm<br>Serial No.: EQO-S-260 | 02/12/2025 | Yes |
| 27 | Universal testing machine                       | Make: Suzhou Ligao<br>Type: HF-9007S<br>Serial No.: EQO-S-095        | 02/12/2025 | Yes |
| 28 | Lighting conditioning testing machine           | Make: Q-LAB<br>Type: Xe-3HBS<br>Serial No.: EQO-R-046                | 26/07/2026 | Yes |
| 29 | Digital angle ruler                             | Make: Weidu Electronic<br>Type: (0-200)mm<br>Serial No.: EQO-S-295   | 14/12/2024 | Yes |
| 30 | Micro-slip testing device                       | Make: EQO<br>Type: -<br>Serial No.: EQO-S-099                        | 22/03/2026 | Yes |
| 31 | Safety belt tension force sensor - 1            | Make: KISTLER<br>Type: M51111<br>Serial No.: 000073/EQO-S-079        | 17/07/2026 | Yes |
| 32 | Safety belt tension force sensor - 2            | Make: MESSRING<br>Type: Ti/LI<br>Serial No.: 130248-240/EQO-S-080    | 17/07/2026 | Yes |



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**Component/ Separate Technical Unit (STU) Specification**

Make (trade name of manufacturer) :

CARMELLA, COOL BABY, COOLBABIES, ZARACOS,



Type approval number, if available :  
Tested variant(s) / version(s) :  
Vehicle system(s) :

|                                                                             |
|-----------------------------------------------------------------------------|
| Supples, Animame, Kidstre, JOVOLA, momi, funfuntown, popypapa, Nexgo<br>放放糖 |
| G309                                                                        |
| Not applicable                                                              |
| G309A-IOT, G309B-I00                                                        |
| Not applicable                                                              |

**ECRS Description:**

|                                                               | Category                                              | Stature range            | Class        | Orientation         | Attachment                                                                  |
|---------------------------------------------------------------|-------------------------------------------------------|--------------------------|--------------|---------------------|-----------------------------------------------------------------------------|
| Category 1:                                                   | i-Size /<br>Universal belted                          | 40-105cm /<br>40-87cm    | Integral     | Rearward-<br>facing | ISOFIX attachments +<br>support leg + harness /<br>adult safety belt ISOFIX |
| Category 2,<br>for variant<br>G309A-<br>I0T:                  | i-Size                                                | 76-105cm                 | Integral     | Forward-<br>facing  | attachments + top-tether<br>+ harness                                       |
| Category 3,<br>for variant<br>G309A-I0T<br>and G309B-<br>I00: | i-Size booster seat /<br>Universal booster<br>cushion | 100-150cm /<br>125-150cm | Non-integral | Forward-<br>facing  | ISOFIX attachments +<br>adult safety belt / adult<br>safety belt            |
| Category 3,<br>for variant<br>G309B-<br>000:                  | i-Size booster seat /<br>Universal booster<br>cushion | 100-150cm /<br>125-150cm | Non-integral | Forward-<br>facing  | ISOFIX attachments +<br>adult safety belt / adult<br>safety belt            |

Remarks: incase there are more than 1 category, additional rows could be added.

**Anti-rotation device:**

G309A-I0T: Top-tether/support leg/dashboard/not applicable<sup>(1)</sup>  
G309B-I00: Top-tether/support leg/dashboard/not applicable<sup>(1)</sup>  
G309B-000: Top-tether/support leg/dashboard/not applicable<sup>(1)</sup>

**Class of lock-off device:**

A/B/not applicable<sup>(1)</sup>

**Type of retractor:**

Automatically-locking/emergency-locking/not applicable<sup>(1)</sup>

**Other features:**

Chair assembly/impact shield<sup>(1)</sup>

Drawings, diagrams and plans of the ECRS including any retractor, chair assembly, impact shield fitted:

See Annex 2 to 5 of information document

Declaration on flammability in accordance with par.6.3.1.2. of this regulation:

See Annex 1 Appendix 1 of information document

Declaration on toxicity in accordance with par.6.3.1.1. of this regulation:

See Annex 1 Appendix 2 of information document / not applicable<sup>(1)</sup>



Instruction for use of child safety seat  
in the vehicle:

See Annex 6 of information document

Mass of the complete ECRS:

G309A-I0T:  $7.8 \pm 0.5$  kg  
G309B-I00:  $6.3 \pm 0.5$  kg  
G309B-000:  $5.5 \pm 0.5$  kg

**Photograph:(Component/ Separate Technical Unit (STU)/ Vehicle)**

Not applicable



**Test Requirements**

PASS/FAIL/NA

**Marking**

- 4.1 ECRS is marked of manufacturer's name, initials or trade mark: **PASS**
- 4.2 ECRS is clear and indelible marked with year of production: **PASS**
- 4.3 Orientation, size range, maximum occupant mass, webbing path, and visibility of these marking: **PASS**
- 4.4 ECRS is permanently attached the warning label of "Airbag": **NA**
- 4.5 ECRS is permanently attached the warning label of no forward-facing for child less than 15 months: **PASS**
- 4.6 The webbing path markings shall be permanently and durably attached and visible, with required color. The markings shall be placed on both sides of the Enhanced Child Restraint System. The vehicle seat illustrated on the marking shall face the same direction as the actual vehicle seat. **PASS**
- 4.6.4 Only type-approved belt routings shall be indicated on the ECRS. The type-approved belt routings shall be green and no other colour. No other belt routings shall be indicated. **PASS**
- 4.7 Marking for integral ECRS including ISOFIX connections attachments
- 4.7.1 For i-Size ECRS, the i-Size Logo with minimum dimension of 25 x 25 mm shall be permanently visible: **PASS**

