



**EC TYPE-APPROVAL CERTIFICATE**

Communication concerning the:

- type-approval <sup>(1)</sup>
- ~~extension of type-approval~~ <sup>(+)</sup>
- ~~refusal of type-approval~~ <sup>(+)</sup>
- ~~withdrawal of type-approval~~ <sup>(+)</sup>

) of a type of a component with regard to Directive 94/20/EC.

**Type-approval number** <sup>(2)</sup> : e4\*94/20\*4139\*00

Reason for extension : n.a.

*Approval mark* : See example of type plate

**SECTION I**

0.1. Make (trade name of manufacturer) : Bosal

0.2. Type and general commercial description(s) : 033912

0.3. Means of identification of type if marked on the component <sup>(3)</sup> : Type approval number

) 0.3.1. Location of that marking : On type plate

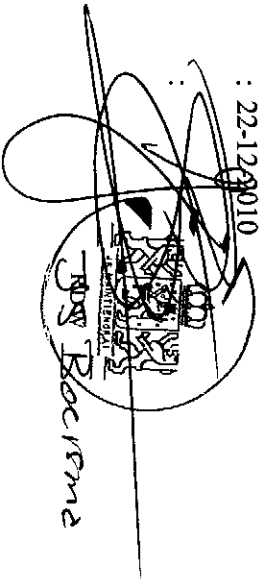
0.5. Name and address of manufacturer : Bosal  
Tweede industrieweg 4-5-6  
4921 XH Made, the Netherlands

0.7. In the case of components and separate technical units, location and method of affixing of the EEC approval mark : On type plate

0.8. Name(s) and address(es) of assembly plant(s) : See information document  
(annex III, item 0.8)



SECTION II

1. Additional information (where applicable) : see Appendix I
2. Technical service responsible for carrying out the tests : RDW  
Test Centre Lelystad  
Talingweg 76  
8218 NX Lelystad
3. Date of test report : 22-12-2010  
22-12-2010
4. Number of test report : RDW-94/20-6413  
RDW-94/20-6384
5. Remarks (if any) : see Appendix I
6. Place : Zoetermeer
7. Date : 22-12-2010
8. Signature :  : J. B. Baccus
9. The index to the information package lodged with the competent authority that has granted type-approval, which may be obtained on request, is attached:
  - Application form relating to Annex III and annexed drawings.
  - Drawings and instructions for attachment.
  - Fitting instructions.

<sup>(1)</sup> Delete where not applicable.

<sup>(2)</sup> The EEC type-approval number appearing on this document shall consist of all sections outlined in Annex VII to Directive 70/156/EEC, as last amended by Directive 92/53/EEC. The component itself shall be marked as prescribed in the relevant separate Directive.

<sup>(3)</sup> In the means of identification of type contains characters not relevant to describe the component types covered by this type-approval certificate such characters shall be represented in the documentation by the symbol “?” (e.g. ABC?7123).

## APPENDIX I

to EEC type-approval certificate number: e4\*94/20\*4139\*00

concerning the component type-approval of mechanical coupling devices with regard to Directive 94/20/EC.

1. Additional information
- 1.1. Class of the type of coupling : F
- 1.2. Categories or types of vehicles for which the device is designed or restricted : See fitting instructions
- 1.3. Maximum D-value <sup>(1)</sup> : 14,31 kN
- 1.4. Maximum vertical load S at the coupling point <sup>(1)</sup> : 100 kg
- 1.5. Maximum load U at the fifth wheel coupling point <sup>(1)</sup> : --- tonnes
- 1.6. Maximum V-value <sup>(1)</sup> : --- kN
- 1.7. Instructions for attachment of the coupling type to the vehicle and photographs or drawings of the fixing points at the vehicle given by the manufacturer; additional information if the use of the coupling type is restricted to special types of vehicles : See fitting instructions
- 1.8. Information on the fitting of special towing brackets or mounting plates <sup>(1)</sup> : See fitting instructions
5. Remarks <sup>(2)</sup> : The installation of the coupling device on the vehicle must be checked according to the requirements given in Annex VII (see Annex I Paragraph 5.10.)



<sup>(1)</sup> Delete where not applicable.

<sup>(2)</sup> Including information as to whether fifth wheel couplings are unsuitable for positive steering.