



KNAF CERTIFICATE NUMBER

**21.01.933/01**

# SAFETY CAGE CERTIFICATE

In compliance with FIA Homologation Regulations for Safety Cages

**USE PROHIBITED FOR SAFETY CAGES OF HISTORIC VEHICLES**

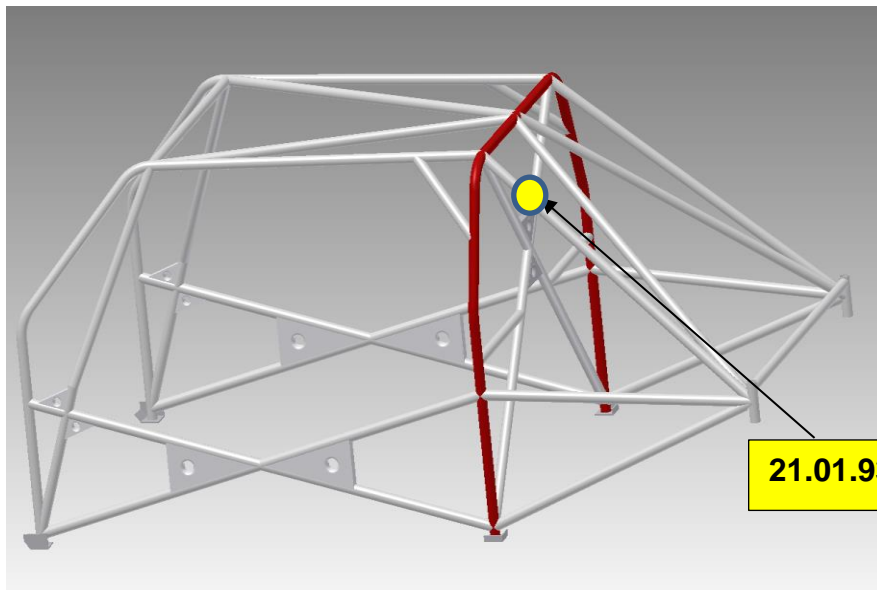
This Certificate is valid only for the Safety Cage bearing the Serial Number shown on Page 7 of 7

Safety Cage Manufacturer	<b><u>Biesheuvel Autosport</u></b>
Address	<b><u>Rijksweg 37</u></b> <b><u>4255 GE Nieuwendijk</u></b> <b><u>Netherlands</u></b>
Phone n° + Email	<b><u>0031 183 403400</u></b> <b><u>info@biesheuvel.nl</u></b>

The structure shown on this form is manufactured for the following vehicle:

Make	<b><u>VW</u></b>	Model	<b><u>Golf 8</u></b>	Year/Model Identifier	<b><u>2018</u></b>
Vehicle Homologation Number(s)* *if applicable			<b><u>N/A</u></b>		

Drawing of front ¾ view of the Complete Structure showing the location of the identification plate



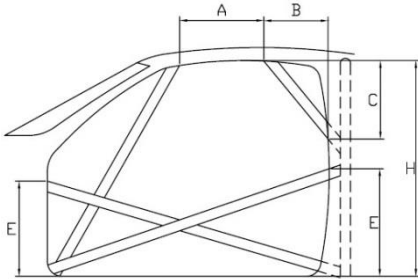
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**DETAILS OF STRUCTURE**



**A =** 420 mm      **B =** 50 mm  
**C =** 60 mm      **E =** 440 mm  
**H =** 970 mm      **(E is highest figure only)**

All Dimensions ± 5mm

Method of attachment to Body Shell	<u>Welded</u>
Weight of Safety Cage, inc. fastenings	<u>55</u> kg

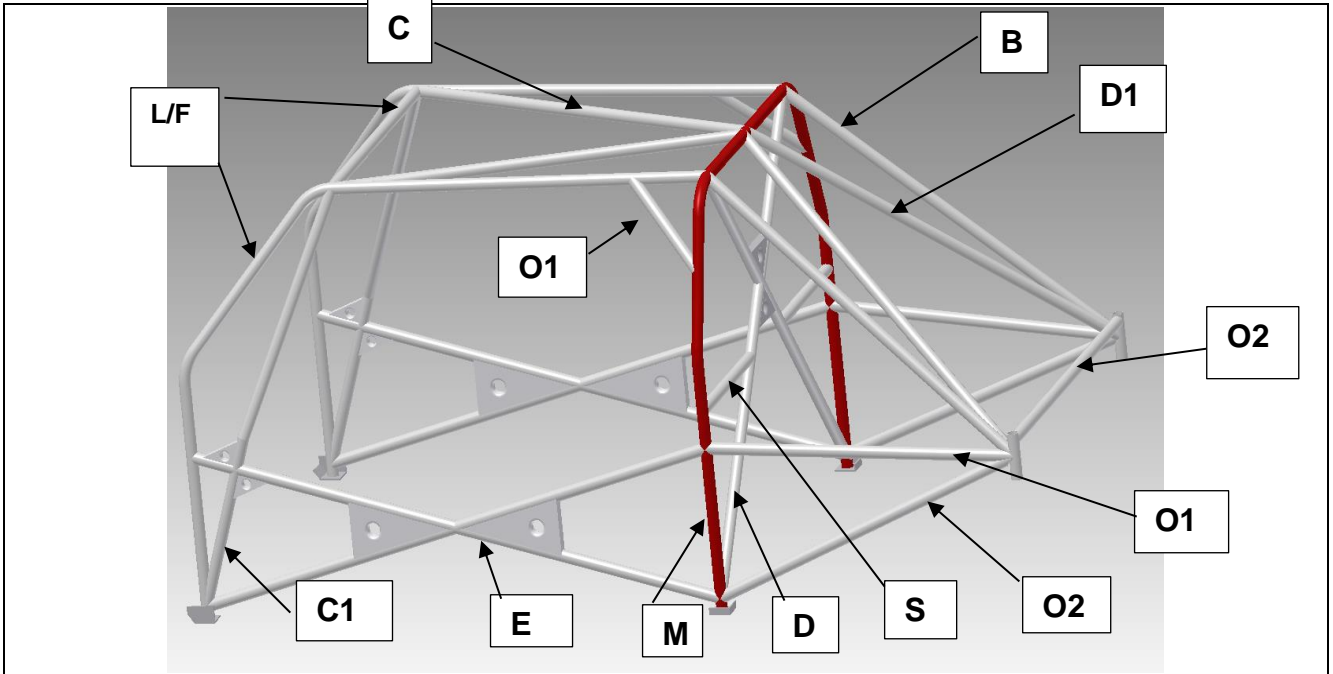
This document is valid only if fully completed and issued as a validated original document by the **KNAF** (The issuing ASN).

It must be presented, in full, on demand to FIA or ASN delegates or Technical Scrutineers of the Meeting (Competition). The authorisation of this form by the issuing ASN certifies that the structure shown herein complies with the basic strength and configuration requirements of the FIA Homologation Regulations for Safety Cages.

It does not certify that the structure complies with the requirements of any particular competition or technical regulations.

**This certificate becomes invalid if the structure is modified in any way from the design shown herein.**

<b>FOR THE USE OF THE ISSUING ASN ONLY</b>		
The issuing ASN, having been satisfied that the Safety Cage design identified in this Certificate has been demonstrated to meet the requirements of the FIA Homologation Regulations for Safety Cages, certifies that the design of the Safety Cage Structure is valid for use, subject to the restrictions listed below, in all events sanctioned by the issuing ASN and International events sanctioned by the FIA.		
Name of Authorising Officer		
Position	_____	
Signed		
Date	____ / ____ / ____	
Remarks/Restrictions (For the use of the issuing ASN only)		
_____		
_____		
_____		
_____		
_____		

**LABELLED DRAWING OF THE SAFETY CAGE STRUCTURE SHOWING ALL TUBING DIMENSIONS**


All Dimensions $\pm 0.1\text{mm}$		Show location of each type on drawing						
Tube / Member	Label	Grade of Steel	External Diameter (OD)		Wall Thickness		Min. Tensile Strength	
Main Rollbar	<u>M</u>	<u>E235EN/10305-1</u>	45.0	mm	2.5	mm	480	N/mm <sup>2</sup>
Front/Lateral Rollbar	<u>L/F</u>	<u>E235EN/10305-1</u>	45.0	mm	2.5	mm	480	N/mm <sup>2</sup>
Backstays	<u>B</u>	<u>E235EN/10305-1</u>	45.0	mm	2.5	mm	480	N/mm <sup>2</sup>
Main rollbar Diagonal members	<u>D</u>	<u>E235EN/10305-1</u>	40.0	mm	2.0	mm	480	N/mm <sup>2</sup>
Backstay Diagonal members	<u>D1</u>	<u>E235en/10305-1</u>	40.0	mm	2.0	mm	480	N/mm <sup>2</sup>
Roof Reinforcements	<u>C</u>	<u>E235EN/10305-1</u>	40.0	mm	2.0	mm	480	N/mm <sup>2</sup>
Doorbars	<u>E</u>	<u>E235EN/10305-1</u>	40.0	mm	2.0	mm	480	N/mm <sup>2</sup>
Windscreen Pillar Reinforcements	<u>C1</u>	<u>E235EN/10305-1</u>	40.0	mm	2.0	mm	480	N/mm <sup>2</sup>
Harness Bar	<u>S</u>	<u>E235EN/10305-1</u>	40.0	mm	2.0	mm	480	N/mm <sup>2</sup>
OPTINAL TUBES	<u>O1</u>	<u>25CRM04</u>	30.0	mm	1.5	mm	877	N/mm <sup>2</sup>
OPTINAL TUBES	<u>O2</u>	<u>25CRM04</u>	40.0	mm	1.5	mm	878	N/mm <sup>2</sup>
	<u>O</u>			mm		mm		N/mm <sup>2</sup>
				mm		mm		N/mm <sup>2</sup>
				mm		mm		N/mm <sup>2</sup>
				mm		mm		N/mm <sup>2</sup>

Total length of all tubes < 40 mm OD	3500 mm	<b>15 m maximum</b>
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**PHOTO 1**  
FRONT ¾ VIEW OF CAGE



**PHOTO 2**  
REAR ¾ VIEW OF CAGE



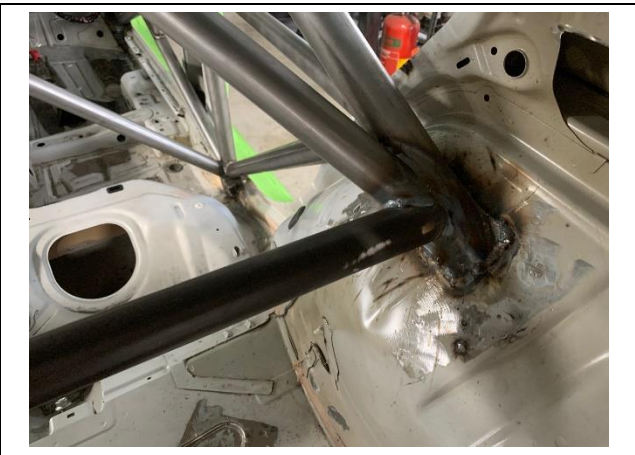
**PHOTO 3**  
VIEW FROM SIDE OF CAR



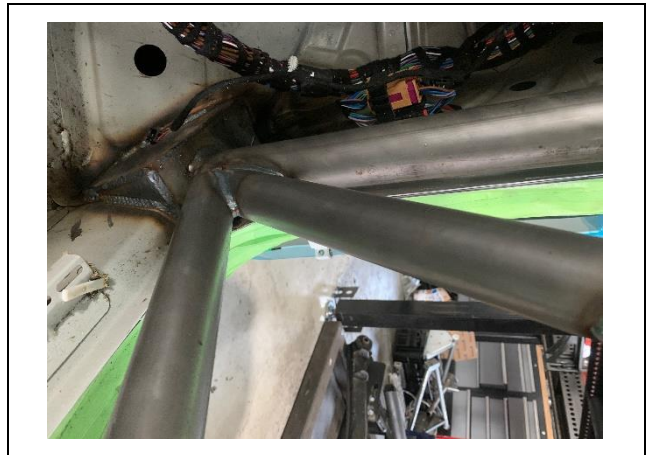
**PHOTO 4**  
MAIN ROLLBAR TO FLOOR ATTACHMENT



**PHOTO 5**  
REAR BACKSTAY TO BODYSHELL ATTACHMENT



**PHOTO 6**  
FRONT ROLLBAR TO FLOOR ATTACHMENT





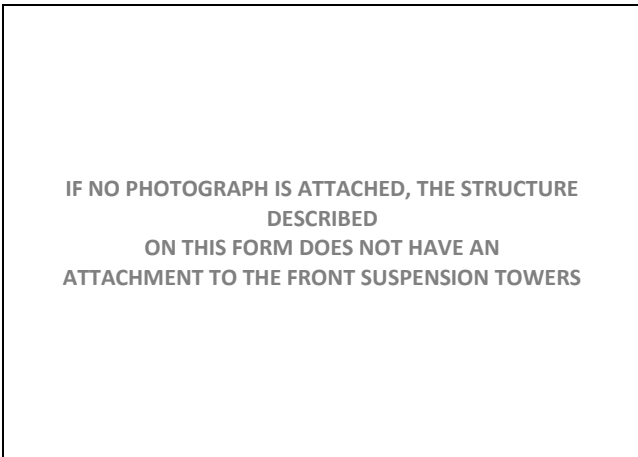
**PHOTO 7**  
FRONT ROLLBAR TO "A" PILLAR ATTACHMENT



**PHOTO 8**  
MAIN ROLLBAR TO "B" PILLAR ATTACHMENT



**PHOTO 9**  
ATTACHMENT TO FRONT SUSPENSION



**PHOTO 10**  
ANTI-INTRUSION DOORBAR - DRIVER



**PHOTO 11**  
ANTI-INTRUSION DOORBAR – CO-DRIVER



**PHOTO 12**  
SHOULDER HARNESS ATTACHMENT – DRIVER



**PHOTO 13**  
SHOULDER HARNESS ATTACHMENT – CO-DRIVER



**PHOTO 14**  
LOCATION OF IDENTIFICATION PLATE



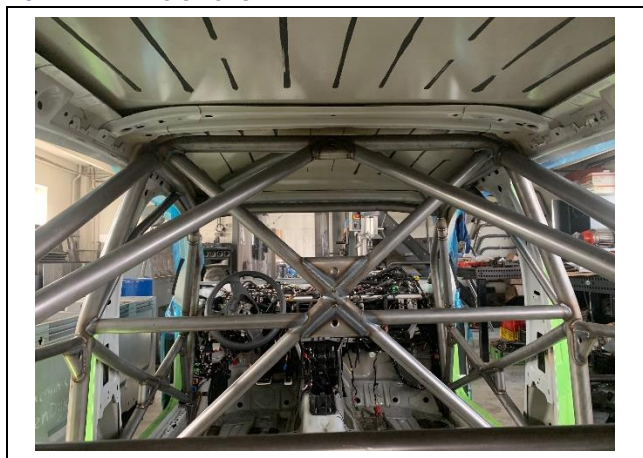
**PHOTO 15**  
DETAIL OF IDENTIFICATION PLATE



**PHOTO 16**  
OTHER DETAILS OF CAGE



**PHOTO 17**  
OTHER DETAILS OF CAGE



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V.I.N. or Chassis Identification Number	<u>WVWZZZCDZMW058613</u>
Safety cage identification Number	<u>21.01.933/01</u>

**MANUFACTURER'S DECLARATION AND DETAILS:**

I declare that the Safety Cage Structure described on this form and fitted to the vehicle described above:

- was constructed and installed in accordance with the specifications and design shown herein.
- has been manufactured so that all aspects of the Safety Cage design, including configuration and strength requirements and welded and demountable joints and mountings, will be in conformity with the requirements of the FIA Homologation Regulations for Safety Cages.
- has been identified by an engraved plate bearing the name or logo of the manufacturer, the ASN Certificate number and a unique manufacturer's serial number.

Manufacturer's Name	<u><b>Biesheuvel Autosport</b></u>	Insert Manufacturer Stamp here
Address	<u>Rijksweg 37</u> <u>4255 GE Nieuwendijk</u> <u>Netherlands</u>	
Phone n° + Email	<u>0031 183 403400</u> <u>info@biesheuvel.nl</u>	
Signature:	Insert signature here	
Name of Signatory#:	<u>N Biesheuvel</u>	

**MANUFACTURER'S AGENT:** (For Safety Cages installed by an Agent)

The following Agent is authorised to act on the manufacturer's behalf to install this Safety Cage design.

Agent's Name	<u><b>GB Metaal Techniek</b></u>
Address	<u>Bredesteeg 2</u> <u>4255 GH Nieuwendijk</u> <u>Netherlands</u>
Phone n° + Email	<u>0031 622607952</u> <u>info@rolbeugels.nl</u>

<p><b>Instructions to the installer of the Safety Cage</b></p> <p style="text-align: center; color: gray;">The ASN may list here any instructions it wishes to be followed for the processing of the certificate</p>
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## SUPPLEMENTARY DOSSIER FOR CERTIFICATION FOR A SAFETY CAGE

**Notice to Applicants:** All information in this Supplementary Dossier will be treated as Confidential by **KNAF**, and no information on the present form will be released without the permission of the applicant, other than when requested by the FIA or statutory authorities.

ASN instructions here

**Such Certificate will be invalid if the structure is modified in any way from the design shown herein.**

**MANUFACTURER'S DECLARATION AND DETAILS:**

I declare that all Safety Cage Structures built to the design described on this form:

- will be constructed by me, or under my supervision, or by my authorised agent in accordance with the specifications and design shown herein.
- will be manufactured so that all aspects of the Safety Cage design, including configuration and strength requirements, welded and demountable joints and mountings, will be in conformity with the requirements of the FIA Homologation Regulations for Safety Cages.
- will be identified by an engraved plate bearing the name or logo of the manufacturer, the **KNAF** Certificate number and a unique manufacturer's serial number.

Name of Manufacturer	<b><u>Biesheuvel Autosport</u></b>	Insert Manufacturer Stamp here
Address	<b><u>Rijksweg 37</u></b> <b><u>4255 GE Nieuwendijk</u></b> <b><u>Nederland</u></b>	
Phone n° + Email	<b><u>0031 183 43400</u></b> <b><u>info@biesheuvel.nl</u></b>	
Signature	Insert signature here	
Name of Signatory	<b><u>N Biesheuvel</u></b>	
Date	___ / ___ / ___	





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**21.01.933/01****TESTING CENTRE OR ENGINEERING COMPANY REPORT**

If a report is required, please give details below, and submit the report with this application :

Name of <b>Testing Centre</b> recognised by the FIA or <b>Company</b> approved by the FIA for the calculation of safety cages	_____
Test report number	_____
Date of Test or Issue of Report	_____
Calculation report number	_____
Date of Calculation or Issue of Report	_____

**MANUFACTURER'S DOSSIER**

Your ASN may require you to submit a Manufacturer's Dossier, or provide other information if you have not previously been authorised to produce safety cages. Please contact your ASN to ascertain what requirements, if any, may be imposed prior to the issuing of this Certificate.