



ASN CERTIFICATE NUMBER

20150723\_MAZDA\_MX-5

# SAFETY CAGE CERTIFICATE

In compliance with FIA Homologation Regulations for Safety Cages

This Certificate is valid only for the Safety Cage bearing the Serial Number shown on Page 6 of 6

Safety Cage Manufacturer	<u>Long Road Racing</u>
Address	<u>2668 Peachtree Rd.</u> <u>Statesville, NC 28625</u>
Phone n° + email	<u>980 223 8547, <a href="mailto:Chad@longroadracing.com">Chad@longroadracing.com</a>, <a href="mailto:Glenn@longroadracing.com">Glenn@longroadracing.com</a></u>

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

Make	<u>Mazda</u>	Model	<u>MX-5</u>	Year/Model Identifier	<u>2016</u>
Vehicle Homologation Number(s)* *if applicable		_____			

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

Identification Found at Driver Side Main Hoop Mount.

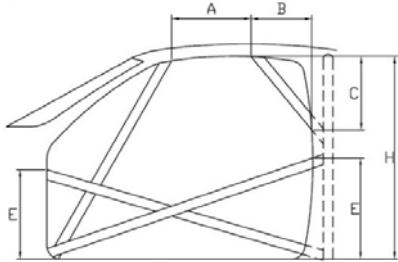
It is accepted by all parties and entities concerned with this document and its content that, in the last resort, the FIA holds full authority to testify to the regulatory validity of this certificate in case of difficulties regarding the application or interpretation of the rules and/or requirements referred to above



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**DETAILS OF STRUCTURE**



A = 455.4 mm      B = 31 mm  
 C = 71 mm      E = 325.6 mm  
 H = 816.5 mm

**(highest figure only)**

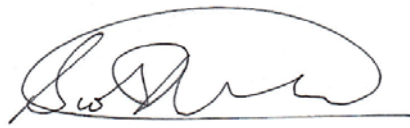
Show location of each type on drawing

All Dimensions ± 0.1mm	Show location of each type on drawing			
	Main Rollbar	Front/Lateral Rollbar	Backstays	Main rollbar Diagonal members
External Diameter	<u>45</u> mm	<u>38</u> mm	<u>38</u> mm	<u>38</u> mm
Wall Thickness	<u>2.5</u> mm	<u>2.5</u> mm	<u>2.5</u> mm	<u>2.5</u> mm
Method of attachment to Body Shell	<u>Full Weld to 3mm BasePlates Welded to Body Shell</u>			
Weight of Safety Cage, inc. fastenings	<u>50.5</u> kg			

This document is valid only if fully completed and issued as a validated original document by **INTERNATIONAL MOTOR SPORTS ASSOCIATION** (The issuing ASN).

It must be presented, in full, on demand to FIA or ASN delegates or Technical Scrutineers of the Meeting (Event). 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 event 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	<u>SCOTT RAYMOND</u>
Position	<u>TECHNICAL DIRECTOR</u>
Signed	
Date	<u>07</u> / <u>23</u> / <u>2015</u>
Remarks/Restrictions (For the use of the issuing ASN only)	
_____ _____ _____ _____ _____	





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**PHOTO 1**  
FRONT ¾ VIEW OF CAGE



**PHOTO 2**  
REAR ¾ VIEW OF CAGE



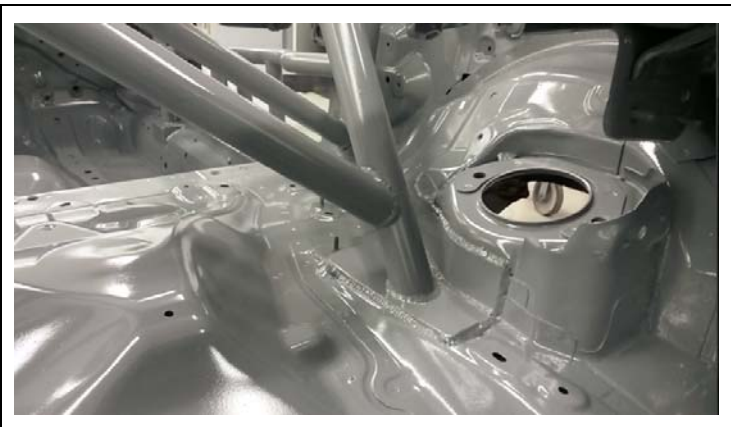
**PHOTO 3**  
VIEW FROM SIDE OF CAR



**PHOTO 4**  
MAIN ROLLBAR TO FLOOR  
ATTACHMENT



**PHOTO 5**  
REAR BACKSTAY TO BODY ATTACHMENT



**PHOTO 6**  
FRONT ROLLBAR TO FLOOR  
ATTACHMENT





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



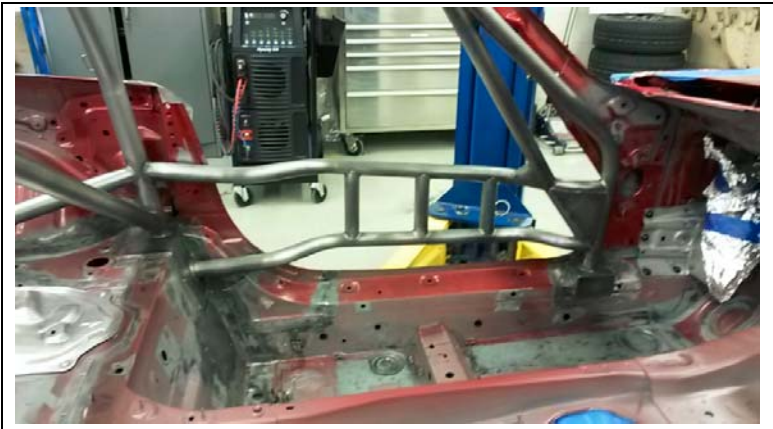
**PHOTO 8**  
MAIN ROLLBAR ATTACHMENT TO "B" PILLAR

IF NO PHOTOGRAPH IS ATTACHED,  
THE STRUCTURE DESCRIBED  
ON THIS FORM HAS NO "B" PILLAR  
ATTACHMENT

**PHOTO 9**  
ATTACHMENT TO FRONT  
SUSPENSION

IF NO PHOTOGRAPH IS ATTACHED,  
THE STRUCTURE DESCRIBED  
ON THIS FORM DOES NOT HAVE AN  
ATTACHMENT TO THE FRONT  
SUSPENSION TOWERS

**PHOTO 10**  
DRIVER'S DOOR ANTI-INTRUSION DOORBAR



**PHOTO 11**  
LOCATION OF IDENTIFICATION PLATE



**PHOTO 12**  
DETAIL OF IDENTIFICATION PLATE





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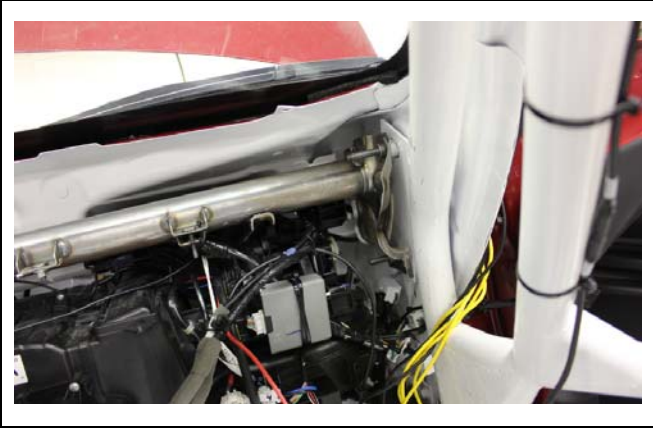
**PHOTO 13**  
SHOULDER HARNESS ATTACHMENT – DRIVER

IF NO PHOTOGRAPH IS ATTACHED, THE  
STRUCTURE DESCRIBED  
ON THIS FORM DOES NOT HAVE AN  
ATTACHMENT FOR THE SAFETY HARNESS  
SHOULDER STRAPS

**PHOTO 14**  
SHOULDER HARNESS ATTACHMENT – CO-DRIVER

IF NO PHOTOGRAPH IS ATTACHED, THE  
STRUCTURE DESCRIBED  
ON THIS FORM DOES NOT HAVE AN  
ATTACHMENT FOR THE SAFETY HARNESS  
SHOULDER STRAPS

**PHOTO 15**  
OTHER DETAILS OF CAGE – Modified Stock Dash Bar



**PHOTO 16**  
OTHER DETAILS OF CAGE

IF NO PHOTOGRAPH IS ATTACHED, THE  
STRUCTURE DESCRIBED  
ON THIS FORM DOES NOT HAVE AN  
ATTACHMENT FOR THE SAFETY HARNESS  
SHOULDER STRAPS

**PHOTO 17**  
OTHER DETAILS OF CAGE

IF NO PHOTOGRAPH IS ATTACHED, THE  
STRUCTURE DESCRIBED  
ON THIS FORM DOES NOT HAVE AN  
ATTACHMENT FOR THE SAFETY HARNESS  
SHOULDER STRAPS

**PHOTO 18**  
OTHER DETAILS OF CAGE

IF NO PHOTOGRAPH IS ATTACHED, THE  
STRUCTURE DESCRIBED  
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ATTACHMENT FOR THE SAFETY HARNESS  
SHOULDER STRAPS



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V.I.N. or Chassis Identification Number	
Safety cage identification Number	

**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>Long Road Racing</u>	
Address	<u>2668 Peachtree Rd</u> <u>Statesville, NC 28625</u> _____	
Phone n° + Email	<u>980-223-8547,</u> <u>Chad@longroadracing.com</u>	
Signature:		
Name of Signatory#:	<u>Chad Boyd</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	_____
Address	_____ _____ _____
Phone n° + Email	_____

<b>Instructions to the installer of the Safety Cage</b>
<p>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 INTERNATIONAL MOTOR SPORTS ASSOCIATION, 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:

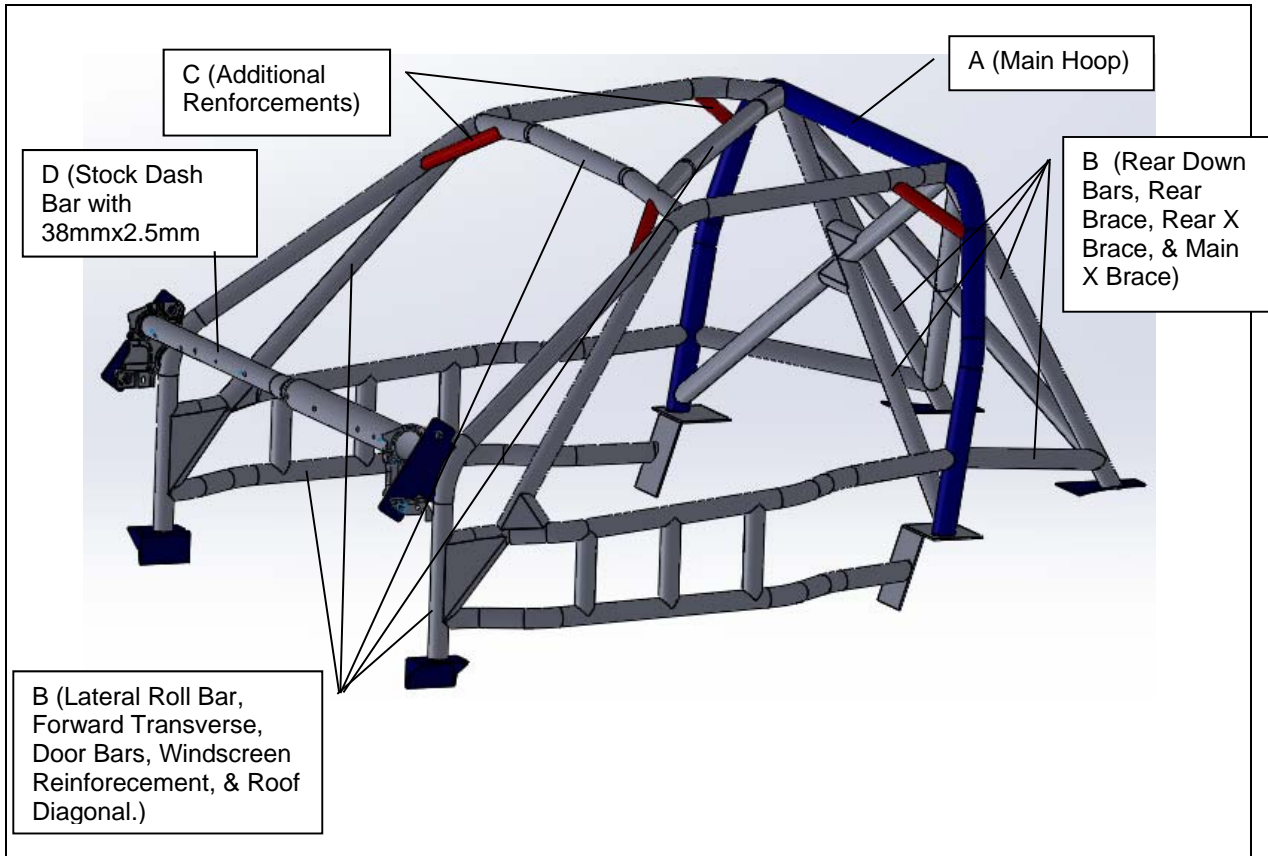
- will be constructed by me, or under my supervision, or by my authorised agent in accordance with the specifications and design shown herein.
- will be manufactured so that all aspects of the Safety Cage design, including configuration and strength requirements, welded and demountable joints and mountings, 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 INTERNATIONAL MOTOR SPORTS ASSOCIATION Certificate number and a unique manufacturer's serial number.

Name of Manufacturer	<u>Long Road Racing</u>	
Address	<u>2668 Peachtree Rd.</u> <u>Statesville, NC 28625</u>	
Phone n° + email	<u>980-223-8547.</u> <a href="mailto:Chad@longroadracing.com">Chad@longroadracing.com</a>	
Signature		
Name of Signatory	<u>Chad</u> / / <u>Boyd</u>	



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



All Dimensions ± 0.1mm	Show location of each type on drawing			
Label	Grade of Steel	External Diameter	Wall Thickness	Min. Tensile Strength
A	SAE 1020, DOM	45 mm	2.5 mm	350 N/mm <sup>2</sup>
B	SAE 1020, DOM	38 mm	2.5 mm	350 N/mm <sup>2</sup>
C	SAE 1020, DOM	25.4 mm	1 mm	350 N/mm <sup>2</sup>
D	SAE 1020, DOM	38 mm	2.5 mm	350 N/mm <sup>2</sup>
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### 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.