



Baja SAE Brazil – Northeast Event 2020

Informative 08 – Safety Evaluation

October 19th, 2020

Dear Participants,

Since the event will be held online due to the COVID-19 crisis, we are introducing a new safety evaluation procedure. Instead of performing a regular safety inspection as is typically executed in the regular BAJA SAE competitions, we will be evaluating the teams' designs and solutions through photography, CAD drawing, and documentary evidence. We realize that your team may not have been able to build the Baja SAE cars, and therefore the planned vehicle testing could not be performed. So, the teams will be required to show their knowledge of the rules filling the Inspection sheet that covers only the aspects of the prototype's design regulated by the RATBSB.

Teams must send the sheet in PDF format by e-mail (bajasaene@gmail.com) following the standard title below:

BNE20 – Planilha de segurança – Car ## – Team YYYYYY

All the evidence for each item must be attached as described on the first page of the tech sheet. See attached to this document examples of the 3 types of evidence listed.

The submission deadline is November 23rd. A penalty of 50 points will be applied for each day of delay. Sheets will not be accepted after Nov 26th.

The sheet is available on Baja SAE Brazil Northeast 2020 website.

The Safety evaluation sheet is mandatory, the team will only be eligible to score in design events if approved in the safety evaluation.



Non-compliance to any of the requirements listed in the sheet will follow the same procedure as the regular events: Every 4 rechecks will be punished with a 15 points penalty. The team must send new evidence of the correction via e-mail.

The team will receive the feedback of the first inspection until November 30th by e-mail. If any re-checks are listed, the team must submit all evidence of correction within 24h. The technical inspectors will be reviewing the evidence of recheck corrections on December 1st between 8 AM and 6 PM. The team's sheet must be approved in all items within December 1st. If the team misses this timing window they will be automatically considered in repechage and receive a 50% overall points penalty factor. The team must be fully safety compliant until December 3rd to be eligible to score in design evaluation otherwise its design event score will be multiplied by 0 (100% penalty factor). Be aware that the inspector needs time to evaluate the material sent, so the teams are responsible to send it with enough anticipation.

Key dates:

- Submission deadline Nov 23rd, 2020 17h59min (Brasilia time)
- Recheck deadline Dec 1st (24h after received feedback by e-mail)
- Approval status deadline (repechage) Dec 3rd, 2020 11h59min (Brasilia time)

Baja SAE Brazil – Northeast Phase Committee

logo

EQUIPE BAJA SAE Nº ##

EVIDÊNCIA ITEM #115



FACULDADE DE ENGENHARIA



EXAMPLE OF EVIDENCE "E2"



BNE2020#99EV59.pdf

logo EQUIPE BAJA SAE N° ##

EVIDÊNCIA ITEM #59

The image displays a technical drawing of a roll-over protection structure (ROPS) for a vehicle. The top part is a 2D side view showing a trapezoidal frame with a 10-degree angle indicated between a vertical line and the top edge. Labels 'Rollo_Protect' and 'Rollo_Prot' are present. The bottom part is a 3D perspective view of the same structure, showing its complex, multi-tube construction.

FACULDADE DE ENGENHARIA

EXAMPLE OF EVIDENCE "E3"



BNL2020996V22.pdf



EQUIPE BAJA SAE Nº ##

EVIDÊNCIA ITEM #22

CNPJ: 33.686.861/0003-05 - Insc. Estadual: 10.000.000-01
 Comércio atacadista de peças para Motocicletas, Roçadeiras, Motores Briggs, Distribuidor Branco, Husqvarna, Moto-bombas, Geradores, Motores à Diesel, Motores 4 Tempo, Steel Plus e etc.

CLIENTE	Cliente: 4966-7	Plano:		
	FUNDAÇÃO DE APOIO A PESQUISA E A EXTENSÃO			
	Endereço: PRAÇA BARÃO DO RIO BRANCO, S/Nº		Suframa:	
	Bairro: CENTRO	Cep: 58.010-700 (Fone:)	Fax: () -	
	Cidade/UF: JOAO PESSOA	PB	CNPJ/CPF: 09.185.396/0001-52	Inscr.: 16.017.494-8
	Despacho: BRASPRESS / CL *** /		Redespacho:	

PEDIDO Nº 138145
(Segunda via)

CÓDIGO	QTD	MERCADORIAS	UNIT.	TOTAL
2640073-0	1	845 TAMPAS TANQUE CHECKVALVE PNB4325G5	328,00	328,00

DATA: 16/04/18	SUBTOTAL: 328,00
Vencimentos:	FRETE: 60,00
	DESCONTO: 0,00
	TOTAL: 388,00

CONFERENTE

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 Fone/Fax: (61) 693-6993 - E-mail: pecas@pecas.com.br Site: www.pecas.com.br

FACULDADE DE ENGENHARIA