|  |  |
| --- | --- |
| C:\Users\user\Desktop\ASEAN NCAP\0 - ASEAN NCAP Logo\2013 - Logo & Concept\ASEAN NCAP_LOGO_FULL_COL.png | **NEW CAR ASSESSMENT PROGRAM FOR SOUTHEAST ASIAN COUNTRIES (ASEAN NCAP)****TEST MODEL FORM ASEAN NCAP****2017 - 2020** |
| * *THIS SURVEY IS TO BE FILLED BY THE* ***RESPONSIBLE PARTY*** *FOR THE SELECTED MODEL UNDERGOING ASEAN NCAP CRASH TEST*
* *THE INFORMATION PROVIDED HERE WILL BE CONSIDERED* ***OPEN FOR PUBLIC*** *AS IT WILL BE USED BY ASEAN NCAP PRIMARILY IN ITS PUBLICATIONS IN ORDER TO DELIVER THE MOST ACCURATE INFORMATION*
* *THIS IS A DIGITAL VERSION FORM (EXPANDABLE) AND CONTAINS COLOR CODED ITEMS*
 |
| 1. **SELECTED CAR** *(INFORMATION PROVIDED BY ASEAN NCAP)*
 |
| **MAKE** |  | **MODEL** |  |
| **VARIANT** |  | **MARKET ORIGIN** |  |
| **YEAR BUILT** |  | **TEST LAB (TEST DATE)** |  |
| 1. **RESPONSIBLE PARTY & PERSON-IN-CHARGE (PIC)**
 |
| **ENTITY NAME** |  | ***>> NOMINATE*** *(IF ANY)* |  |
| **NAME OF PIC** |  | **DESIGNATION** |  |
| **DEPARTMENT** |  |
| **ADDRESS** |  |
| **CONTACTS** | **OFFICE** |  | **FAX** |  |
| **MOBILE** |  | **E-MAIL** |  |
| 1. **CONFIRMATION OF GENERAL INFORMATION** *(REFER FORM GUIDELINES)*
 |
| **MAKE** |  | ***>> NOMINATE*** *(IF ANY)* |  |
| **MODEL** |  | ***>> NOMINATE*** *(IF ANY)* |  |
| **VARIANT (V1)** |  | ***>> NOMINATE*** *(IF ANY)* |  |
| **YEAR BUILT** |  |
| 1. **VARIANT INFORMATION** *(PLEASE EXPAND TO INCLUDE ALL VARIANTS IN ASEAN REGION - REFER FORM GUIDELINES)*
 |
| ***NOTE: PLEASE PROVIDE THE MOST COMPREHENSIVE BROCHURE FOR EACH VARIANT IN ALL ASEAN MARKET COUNTRIES*** |
| **VARIANT****(PRODUCTION COUNTRY)** | **V1** IS THE SELECTED VARIANT | **ASEAN MARKET** |
| **MODEL YEAR** | **NO. OF AIRBAGS** | **ABS** | **ESC** | **NO. OF SEATS** | **TRANS.** | **BN** | **ID** | **KH** | **LA** | **MM** | **MY** | **PH** | **SG** | **TH** | **VN** |
| **V1** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **NO. OF DOORS** | **BODY TYPE** | **ENGINE CAP. (L)** | **ENGINE TYPE** | **FUEL TYPE** | **KERB MASS (KG)** |
|  |  |  |  |  |  |

|  |  |  |
| --- | --- | --- |
| **VARIANT****(PRODUCTION COUNTRY)** | **V2** | **ASEAN MARKET** |
| **MODEL YEAR** | **NO. OF AIRBAGS** | **ABS** | **ESC** | **NO. OF SEATS** | **TRANS.** | **BN** | **ID** | **KH** | **LA** | **MM** | **MY** | **PH** | **SG** | **TH** | **VN** |
| **V2** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **NO. OF DOORS** | **BODY TYPE** | **ENGINE CAP. (L)** | **ENGINE TYPE** | **FUEL TYPE** | **KERB MASS (KG)** |
|  |  |  |  |  |  |
| **VARIANT****(PRODUCTION COUNTRY)** | **V3** | **ASEAN MARKET** |
| **MODEL YEAR** | **NO. OF AIRBAGS** | **ABS** | **ESC** | **NO. OF SEATS** | **TRANS.** | **BN** | **ID** | **KH** | **LA** | **MM** | **MY** | **PH** | **SG** | **TH** | **VN** |
| **V3** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **NO. OF DOORS** | **BODY TYPE** | **ENGINE CAP. (L)** | **ENGINE TYPE** | **FUEL TYPE** | **KERB MASS (KG)** |
|  |  |  |  |  |  |
| 1. **MODEL NAME WORLDWIDE** *(PLEASE STATE OTHER MODEL NAME/TWINNED MODEL)*
 |
| **MODEL NAME** | **ASEAN MARKET** | **OTHER MARKET** |
|  |  |  |

|  |
| --- |
| 1. **DETAILED SAFETY FEATURES** *(PLEASE EXPAND TO INCLUDE ALL VARIANTS IN ASEAN REGION - REFER FORM GUIDELINES)*
 |
| ***NOTE: THIS IS THE EXTENDED INFORMATION SECTION FROM SECTION D*** |
| **VARIANT****(PRODUCTION COUNTRY)** | **V1** IS THE SELECTED VARIANT |
| **ABS Variants** | **Safety Belt System (SB) & Airbags (AB)** | **Child Restraint Equipment** |
| **V1** |  | **4Ch-4s** | **3Ch-3s** | **2Ch-1/2s** | **Row/Seating** | **M-L** | **Mid** | **M-R** | **M-L** | **Mid** | **M-R** |
|  |  |  | **Row 1** | **SB** |  |  |  |  |  |  |
| **AB** |  |  |  |
| **Row2** | **SB** |  |  |  |  |  |  |
| **AB** |  |  |  |
| **Row 3** | **SB** |  |  |  |  |  |  |
| **AB** |  |  |  |

|  |  |
| --- | --- |
| 1. **NOMINATED CRS FOR OFFICIAL TEST**
 | **BRAND** |
| **CRS FOR Q1.5**  |  |  |
| **CRS FOR Q3** |  |  |

*Example Duo Plus Britax*

1. **SAFETY ASSIST TECHNOLOGY**

|  |
| --- |
| **H1. EFFECTIVE BRAKING AND AVOIDANCE** |
| **COUNTRY** | **AVAILABLE** | **NOT AVAILABLE** | **FITMENT TYPE** |
| **BRUNEI** |  |  |  |
| **SINGAPORE** |  |  |  |
| **MALAYSIA** |  |  |  |
| **THAILAND** |  |  |  |
| **INDONESIA** |  |  |  |
| **THE PHILIPPINES** |  |  |  |
| **VIETNAM** |  |  |  |
| **LAOS** |  |  |  |
| **CAMBODIA** |  |  |  |
| **MYANMAR** |  |  |  |

|  |  |  |
| --- | --- | --- |
| **Fitment Type** | **Details** | **Fitment Rating Score, α** |
| *Option A* | *Vehicle model is equiped with ESC as standard equipment* | *1* |
| *Option B* | *Vehicle model is equiped with ESC as optional equipment but ABS as standard equipment* | *0.5* |
| *Option C* | *Vehicle model is not equipped with ESC but equipped with ABS as standard equipment* | *0.375* |
| *Option D* | *Vehicle model is equipped with both ESC and ABS as optional equipment* | *0.25* |
| *Option E* | *Vehicle model is not equipped with ESC but equipped with ABS as optional equpment* | *0.125* |
| *Option F* | *Vehicle model is not equipped with either ESC or ABS* | *0* |

Remark (if any): \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

|  |
| --- |
| **H2. SEATBELT REMINDERS**  |
| **COUNTRY** | **AVAILABLE** | **NOT AVAILABLE** | **FITMENT TYPE** |
| **BRUNEI** |  |  |  |
| **SINGAPORE** |  |  |  |
| **MALAYSIA** |  |  |  |
| **THAILAND** |  |  |  |
| **INDONESIA** |  |  |  |
| **THE PHILIPPINES** |  |  |  |
| **VIETNAM** |  |  |  |
| **LAOS** |  |  |  |
| **CAMBODIA** |  |  |  |
| **MYANMAR** |  |  |  |

|  |  |  |
| --- | --- | --- |
| **Fitment Type** | **Details** | **Fitment Rating Score, α** |
| *Option A* | *Vehicle model is equiped with SBR for driver, front passenger and rear passengers as standard equipment* | *1* |
| *Option B* | *Vehicle model is equiped with SBR for driver and front passenger as standard equipment but rear passengers as optional equipment* | *0.75* |
| *Option C* | *Vehicle model is equipped with SBR for driver and front passenger only as standard equipment* | *0.5* |
| *Option D* | *Vehicle model is equipped with SBR for driver only as standard equipment* | *0.25* |
| *Option E* | *Vehicle model is not equipped with SBR* | *0* |

*\*Please fill up more information on seatbelt reminder in Section I*

Remark (if any): \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

|  |
| --- |
| **H3. BLIND SPOT TECHNOLOGY** |
| **COUNTRY** | **AVAILABLE** | **NOT AVAILABLE** | **FITMENT TYPE** |
| **BRUNEI** |  |  |  |
| **SINGAPORE** |  |  |  |
| **MALAYSIA** |  |  |  |
| **THAILAND** |  |  |  |
| **INDONESIA** |  |  |  |
| **THE PHILIPPINES** |  |  |  |
| **VIETNAM** |  |  |  |
| **LAOS** |  |  |  |
| **CAMBODIA** |  |  |  |
| **MYANMAR** |  |  |  |

|  |  |  |
| --- | --- | --- |
| **Fitment Type** | **Details** | **Fitment Rating Score, α** |
| *Option A* | *Vehicle model is equiped with BST for both nearside and offside as standard equipment* | *1* |
| *Option B* | *Vehicle model is equiped with BST for both nearside and offside as optional equipment* | *0.5* |
| *Option C* | *Vehicle model is equipped with BST for one side only as standard equipment* | *0.5* |
| *Option D* | *Vehicle model is equipped with BST for one side only as optional equipment* | *0.25* |
| *Option E* | *Vehicle model is not equipped with BST* | *0* |

Remark (if any): \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

|  |
| --- |
| **H4. ADVANCED SAFETY ASSIST TECHNOLOGY** |
| **H4.1 ADVANCED SAFETY ASSIST TECHNOLOGY [INSERT TECHNOLOGY NAME]** |
| **COUNTRY** | **AVAILABLE** | **NOT AVAILABLE** | **FITMENT TYPE** |
| **BRUNEI** |  |  |  |
| **SINGAPORE** |  |  |  |
| **MALAYSIA** |  |  |  |
| **THAILAND** |  |  |  |
| **INDONESIA** |  |  |  |
| **THE PHILIPPINES** |  |  |  |
| **VIETNAM** |  |  |  |
| **LAOS** |  |  |  |
| **CAMBODIA** |  |  |  |
| **MYANMAR** |  |  |  |

|  |  |  |
| --- | --- | --- |
| **Fitment Type** | **Details** | **Fitment Rating Score, α** |
| *Option A* | *Vehicle model is equiped with [TECHNOLOGY] as standard or optional equipment* | *1* |
| *Option B* | *Vehicle model is not equiped with [TECHNOLOGY]* | *0* |

Remark (if any): \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

*OEMs ARE REQUIRED TO SUBMIT PROOF OF FITMENT IN THE FORM OF PRODUCT PLANNING OR COMPLETE BROCHURE BEFORE OFFICIAL TEST.*

**Coding**

Fill **00** (zero-zero) for seats not available or non-related items.

ABS Variants:

|  |  |  |
| --- | --- | --- |
| **4Ch-4s:** 4-channel/4-sensor system | **3Ch-3s:** 3-channel/3-sensor system (Variant 3) | **2Ch-1/2s:** 2-channel/1 or 2-sensor system |

Safety Belt System:

|  |  |  |
| --- | --- | --- |
| **Item 1** | **Belt Type**  | Mention belt type by number e.g. **2** for 2-point belt or **3** for 3-point belt |
| **Item 2** | **Pre-tensioner** | **0P** (zero-P) for none; **RP** for retractor pre-tensioner; **LP** for lap pre-tensioner; **DP** for double pre-tensioner (retractor + lap)  |
| **Item 3** | **Load Limiter** | **0L** (zero-L) for none; **LL** if available |
| **Answer Sample** | **3-RP-0L** |

Child Restraint Equipment:

|  |  |  |
| --- | --- | --- |
| **Item 1** | **Belt Fit** | **BO** for Belt Only; **BX** for Belt with other fitment type |
| **Item 2** | **ISOFIX** | **ISF** (mention if available) |
| **Item 3** | **Top Tether** | **TT** (mention if available) |
| **Item 4** | **Leg Support** | **LS** (mention if available) |
| **Item 5** | **Air-bag OFF** | **ABOM**  for Air-bag OFF function manually operated; **ABOA**  for Air-bag OFF function auto-detect (mention if necessary) |
| **Answer Sample** | Example 1: **ISF-TT** Example 2: **BO-ABOA** |

Airbags:

|  |  |  |
| --- | --- | --- |
| **Item 1** | **Driver** | **DAB** for Driver Airbag |
| **Item 2** | **Front Passenger** | **PAB** for Front Passenger Airbag |
| **Item 3** | **Knee** | **KAB** for Knee Airbag |
| **Item 4** | **Side Torso** | **STAB** for Side Torso (Thorax/Abdomen) Airbag |
| **Item 5** | **Curtain** | **CAB** forCurtain/Side Tubular Airbag |
| **Item 6** | **Rear Curtain** | **RCAB** for Rear Curtain Airbag |
| **Item 7** | **Seat Cushion** | **SCAB** for Seat Cushion Airbag |
| **Item 8** | **Center Airbag** | **CEAB** for Center Airbag |
| **Item 9** | **Seatbelt Airbag** | **SBAB** for Seatbelt Airbag |
| **Answer Sample** | Example 1: **PAB-CAB** |

1. **SEATBELT REMINDER INFORMATION**
2. **Vehicle information**

|  |  |
| --- | --- |
| Make |  |
| Model |  |
| Variant |  |

1. **Which seats are protected by the SBR system and whether respective seats have seat occupancy detection? (Tick X as appropriate)**

|  |  |  |
| --- | --- | --- |
|  | Availability of SBR | Seat occupancy detection\* |
|  | Yes | No | N/A | Yes  | No | N/A |
| Driver |  |  |  |  |  |  |
| Front Passenger |  |  |  |  |  |  |
| 2nd row |  |  |  |  |  |  |
| 3rd row and more  |  |  |  |  |  |  |

\*seat occupancy detection – defines as whether any respective seat can automatically detect whether there is occupant or not

1. **Please specify the display location of the SBR signal (whichever applicable) and indicate which seat it applies (e.g. driver/ front passenger/ rear passengers).**

|  |  |
| --- | --- |
| **Display location** | ***Please insert photo of the display location*** |
| Driver front panel |  |
| Centre console area |  |
| Rear mirror area |  |
| Glove box area |  |
| Back of front seat |  |
| Other location, please specify:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |  |

1. **Overall system description (Tick X as appropriate)**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **Driver** | **Front Passenger** | **2nd Row** | **3rd row and more** |
|  | Yes | No | Yes | No | Yes | No | Yes | No | N/A |
| Does the system have multiple stages? |  |  |  |  |  |  |  |  |  |
| Initial signal |  |  |  |  |  |  |  |  |  |
| Intermediate signal |  |  |  |  |  |  |  |  |  |
| Final signal |  |  |  |  |  |  |  |  |  |

1. **Specific description of the system signal & trigger for driver (Tick X as appropriate)**
2. **Type of signal and triggering system**

|  |  |  |  |
| --- | --- | --- | --- |
|  | **Applicable?** | **Signal** | **Trigger** |
|  | Yes | No | Visual | Audible | Ignition1 ON | Speed (km/hr)2 | Distance (m)3 | Time (s)4 |
| Initial signal |  |  |  |  |  |  |  |  |
| Intermediate signal |  |  |  |  |  |  |  |  |
| Final signal |  |  |  |  |  |  |  |  |

1The trigger will start once the ignition is ON

2The trigger will start once the vehicle reaches certain speed in forward motion

2The trigger will start once the vehicle reaches certain distance in forward motion

4The trigger will start once certain duration of time of either through engine running or vehicle in forward motion is reached

1. **Visual signal characteristic**

|  |  |  |
| --- | --- | --- |
|  | **Applicable?** | **Signal characteristic** |
|  | Yes | No | Frequency | Total duration (s) | Gap(s) in the signal? |
| Initial signal |  |  |  |  |  |
| Intermediate signal |  |  |  |  |  |
| Final signal |  |  |  |  |  |

1. **Audible signal characteristic**

|  |  |  |
| --- | --- | --- |
|  | **Applicable?** | **Signal characteristic** |
|  | Yes | No | Frequency | Total duration (s) | Gap(s) in the signal? |
| Initial signal |  |  |  |  |  |
| Intermediate signal |  |  |  |  |  |
| Final signal |  |  |  |  |  |

1. **Does the system have the progressive audible signal, for example a change in volume/frequency? If yes, give details of the various amplitudes/ frequencies.**

|  |
| --- |
|  |

1. **Does the system times out? If yes, the system times out after \_\_\_\_\_\_\_\_\_ seconds.**
2. **Specific description of the system trigger for front passenger (Tick X as appropriate) - if different from driver.**
3. **Type of signal and triggering system**

|  |  |  |  |
| --- | --- | --- | --- |
|  | **Applicable?** | **Signal** | **Trigger** |
|  | Yes | No | Visual | Audible | Ignition1 ON | Speed (km/hr)2 | Distance (m)3 | Time (s)4 |
| Initial signal |  |  |  |  |  |  |  |  |
| Intermediate signal |  |  |  |  |  |  |  |  |
| Final signal |  |  |  |  |  |  |  |  |

1The trigger will start once the ignition is ON

2The trigger will start once the vehicle reaches certain speed in forward motion

2The trigger will start once the vehicle reaches certain distance in forward motion

4The trigger will start once certain duration of time of either through engine running or vehicle in forward motion is reached

1. **Visual signal characteristic**

|  |  |  |
| --- | --- | --- |
|  | **Applicable?** | **Signal characteristic** |
|  | Yes | No | Frequency | Total duration (s) | Gap(s) in the signal? |
| Initial signal |  |  |  |  |  |
| Intermediate signal |  |  |  |  |  |
| Final signal |  |  |  |  |  |

1. **Audible signal characteristic**

|  |  |  |
| --- | --- | --- |
|  | **Applicable?** | **Signal characteristic** |
|  | Yes | No | Frequency | Total duration (s) | Gap(s) in the signal? |
| Initial signal |  |  |  |  |  |
| Intermediate signal |  |  |  |  |  |
| Final signal |  |  |  |  |  |

1. **Does the system have the progressive audible signal, for example a change in volume/frequency? If yes, give details of the various amplitudes/ frequencies.**

|  |
| --- |
|  |

1. **Does the system times out? If yes, the system times out after \_\_\_\_\_\_\_\_\_ seconds.**
2. **Specific description of the system trigger for 2nd row passengers (Tick X as appropriate) - if different from driver/ front passenger.**
3. **Type of signal and triggering system**

|  |  |  |  |
| --- | --- | --- | --- |
|  | **Applicable?** | **Signal** | **Trigger** |
|  | Yes | No | Visual | Audible | Ignition1 ON | Speed (km/hr)2 | Distance (m)3 | Time (s)4 |
| Initial signal |  |  |  |  |  |  |  |  |
| Intermediate signal |  |  |  |  |  |  |  |  |
| Final signal |  |  |  |  |  |  |  |  |

1The trigger will start once the ignition is ON

2The trigger will start once the vehicle reaches certain speed in forward motion

2The trigger will start once the vehicle reaches certain distance in forward motion

4The trigger will start once certain duration of time of either through engine running or vehicle in forward motion is reached

1. **Visual signal characteristic**

|  |  |  |
| --- | --- | --- |
|  | **Applicable?** | **Signal characteristic** |
|  | Yes | No | Frequency | Total duration (s) | Gap(s) in the signal? |
| Initial signal |  |  |  |  |  |
| Intermediate signal |  |  |  |  |  |
| Final signal |  |  |  |  |  |

1. **Audible signal characteristic**

|  |  |  |
| --- | --- | --- |
|  | **Applicable?** | **Signal characteristic** |
|  | Yes | No | Frequency | Total duration (s) | Gap(s) in the signal? |
| Initial signal |  |  |  |  |  |
| Intermediate signal |  |  |  |  |  |
| Final signal |  |  |  |  |  |

1. **Does the system have the progressive audible signal, for example a change in volume/frequency? If yes, give details of the various amplitudes/ frequencies.**

|  |
| --- |
|  |

1. **Does the system times out? If yes, the system times out after \_\_\_\_\_\_\_\_\_ seconds.**
2. **Can this system be deactivated?**

**If yes, please explain the mechanism.**

|  |
| --- |
|  |

1. **Summary of the SBR system (please explain in details).**

|  |
| --- |
|  |