|  |  |  |
| --- | --- | --- |
| **TECHNICAL INFORMATION TO BE SUBMITTED BY THE ROAD AMBULANCE MANUFACTURER** | | |
| **1.0** | **Details of Ambulance manufacturer** |  |
| 1.1 | Name and Address : |  |
| 1.2 | Telephone No : |  |
| 1.3 | Fax. No. : |  |
| 1.4 | E mail address : |  |
| 1.5 | Contact person : |  |
| 1.6 | Name of model : |  |
| 1.7 | Category of Ambulance A/B/C/D |  |
| 1.8 | Name of variants, if any: |  |
| 1.9 | Type and General commercial description (s) : |  |
| 1.10 | Plant/(s)of manufacture : |  |
| **2.0** | **Vehicle Chassis Characteristics** |  |
| 2.1 | Type of Control (normal control/Full forward control etc.) : |  |
| 2.2 | Number of Axles and wheels : |  |
| 2.3 | Chassis (overall drawing) : |  |
| 2.4 | Valid CMVR certificate for the base Vehicle  ( If available ) |  |
| 2.5 | Position and arrangement of engine: |  |
| 2.6 | Category of Base vehicle : |  |
| **3.0** | **Body :** |  |
| 3.1 | Range of vehicle dimension (overall): |  |
| 3.2 | Patient Handling Equipment |  |
| 3.2.1 | Main Stretcher / Undercarriage |  |
| 3.2.1.1 | Make |  |
| 3.2.1.2 | Model |  |
| 3.2.1.3 | Type |  |
| 3.2.1.4 | ID/Part Number |  |
| 3.2.1.5 | Dimensions of Stretcher |  |
| 3.2.1.6 | Loading Angle |  |
| 3.2.1.7 | Loading Height |  |
| 3.2.1.8 | Stretcher loading capacity |  |
| 3.3 | Recognition of Ambulance |  |
| 3.3.1 | Engineering drawing indicating arrangement for the external visibility for recognition and emblems. |  |
| **4.0** | **Vehicle Dimensions and weights** |  |
| 4.1 | Dimension (in mm) (Specify drawing reference) : |  |
| 4.1.1 | Length (mm) : |  |
| 4.1.2 | Width (mm) : |  |
| 4.1.3 | Height (Unladen) (mm) : |  |
| 4.1.4 | Wheel base (mm) : |  |
| 4.1.5 | Wheel track (mm) : |  |
| 4.1.5.1 | Front : |  |
| 4.1.5.2 | Rear : |  |
| 4.1.6 | Body overhang (mm) : |  |
| 4.1.6.1 | Front end : |  |
| 4.1.6.2 | Rear end : |  |
| 4.2 | Clearance |  |
| 4.3 | Minimum ground clearance : |  |
| 4.4 | Road clearance from floor : |  |
| 4.5 | Approach angle : |  |
| 4.6 | Departure Angle : |  |
| 4.7 | Ramp-over Angle : |  |
| 4.8 | Weights |  |
| 4.8.1 | Vehicle kerb weight (kg) : |  |
| 4.8.1.1 | Front axle : |  |
| 4.8.1.2 | Rear axle : |  |
| 4.8.1.3 | Total : |  |
| 4.8.2 | Gross vehicle weight (kg) : |  |
| 4.8.3 | Maximum permissible axle weights (kg) |  |
| 4.8.3.1 | Front axle: |  |
| 4.8.3.2 | Rear axle: |  |
| **5.0** | **Tyres** |  |
| 5.1 | Tyre type (Radial/cross ply) (with Tube / Tube less), size designation including ply rating, speed rating, Load rating or Load index. Use symbols as per IS 15633 / IS 15636 as may be applicable. |  |
| 5.1.1 | Front wheel |  |
| 5.1.2 | Rear wheel |  |
| 5.1.3 | Spare wheel (Other than temporary use spare wheel) |  |
| 5.1.4 | Other (for articulated/combination vehicles) |  |
| 5.1.5 | Dynamic rolling radius, (mm), as per IS 15633 / IS 15636 |  |
| 5.2 | No. and arrangement of wheels : |  |
| 5.2.1 | Front : |  |
| 5.2.2 | Rear : |  |
| 5.2.3 | Other : |  |
| 5.3 | Inflation pressure – Un laden : |  |
| 5.3.1 | Front : |  |
| 5.3.2 | Rear : |  |
| 5.3.3 | Other |  |
| 5.4 | Inflation pressure –Laden : |  |
| 5.4.1 | Front : |  |
| 5.4.2 | Rear : |  |
| 5.4.3 | Other : |  |
| **6.0** | **Service Doors** |  |
| 6.1 | No. of Service Doors : |  |
| 6.2 | Position of Service Doors : |  |
| 6.3 | Dimension of Service Door : |  |
| 6.3.1 | Front Height : |  |
| 6.3.2 | Width : |  |
| 6.3.3 | Rear Height : |  |
| 6.3.4 | Width : |  |
| 6.3.5 | Middle Height : |  |
| 6.3.6 | Width : |  |
| **7.0** | **Window** |  |
| 7.1 | Type of window |  |
| 7.3 | Area (H x W in sq. m) : |  |
| **8.0** | **Seat anchorage layout drawing**  **(with anchorage cross section and hardware used details)** |  |
| **9.0** | **Driver Partition :** |  |
| 9.1 | Dimension of partition with respect to rear edge of driver seat : (rear most position of driver seat) |  |
| **10.0** | **External Projections (Compliance established to IS 13942/AIS 120------- Yes/No)** |  |
| **11.0** | **Seat :** |  |
| 11.1 | Number of Patients and attendant seats |  |
| 11.1.1 | Position |  |
| 11.1.2 | Make : |  |
| 11.1.3 | Type : |  |
| 11.1.4 | Identification Number: |  |
| **12.0** | **Fire Extinguisher :** |  |
| 12.1 | Number : |  |
| 12.2 | Type : |  |
| 12.3 | Capacity : |  |
| 12.4 | Make : |  |
| **13.0** | **Warning Lamp ( To be filled if different from the valid CMVR Compliance certificate)** |  |
| 13.1 | Make |  |
| 13.2 | Type of Lens (Glass/Plastic) |  |
| 13.3 | Identification: TAC No. / BIS License No. / E- Marking |  |
| 13.4 | Number and colour of lens |  |
| **14.0** | **Siren- Compliance to AIS-125, Annexure I, Para 6.3– Yes / No)** |  |
| 14.1 | Make : |  |
| 14.2 | Model : |  |
| 14.3 | ID / Part Number : |  |
| **15.0** | **Reflector ( To be filled if different from the valid CMVR Compliance certificate)** |  |
| 15.1 | Rear : |  |
| 15.2 | Make: |  |
| 15.3 | Type and Identification : |  |
| 15.4 | Number and colour : |  |
| 15.5 | Area (cm2): |  |
| 15.6 | Side : |  |
| 15.7 | Make : |  |
| 15.8 | Type and Identification : |  |
| 15.9 | Number and colour : |  |
| 15.10 | Area (cm2) : |  |
| **16.0** | **Top light ( To be filled if different from the valid CMVR Compliance certificate)** |  |
| 16.1 | Make : |  |
| 16.2 | Type and Identification : |  |
| 16.3 | Number and colour : |  |
| **17.0** | **Internal Lighting and Illumination** |  |
| 17.1 | Driver Cab lighting : |  |
| 17.1.1 | Type : |  |
| 17.1.2 | Make : |  |
| 17.1.3 | Number : |  |
| 17.1.4 | Illumination intensity ( Lux) : |  |
| 17.2 | Patient Compartment Lighting : |  |
| 17.2.1 | Type : |  |
| 17.2.2 | Make : |  |
| 17.2.3 | Number : |  |
| 17.2.4 | Illumination intensity ( Lux) : |  |
| 17.3 | Other Area Lighting : |  |
| 17.3.1 | Type : |  |
| 17.3.2 | Make : |  |
| 17.3.3 | Number : |  |
| 17.3.4 | Illumination intensity ( Lux) : |  |
| **18.0** | **Electrical Circuit :** |  |
| 18.1 | Circuit Diagram (attach details): |  |
| 18.2 | Number of battery(ies) provided other than the vehicle battery : |  |
| 18.3 | Details of Alternator : |  |
| **19.0** | **Flammability Test as per IS 15061: 2002 (as applicable ) :** |  |
| **20.0** | **Instrument Panel (Dash Board)** |  |
| 20.1 | Make |  |
| 20.2 | Identification No. / Part No. |  |
| 20.3 | Drawing showing the mounting details, overall size and all control switches with dimensions |  |
| 20.4 | Additional details for interior fitting tests to be given (if test is already conducted, this information need not be submitted). |  |
| 20.5 | Instrument Panel Variants with photographs (With / without Airbag, Music system, AC) |  |
| 20.6 | Material used for instrument Panel |  |
| 20.7 | Drawings |  |
| 20.8 | Instrument Panel mounting (With hardware details) |  |
| 20.9 | ‘H’ point co-ordinates for each seating position |  |
| 20.10 | Cross sectional drawings for each projection more than 3.2 |  |
| 20.11 | Cross sectional Drawing of Gear shift lever |  |
| 20.12 | Drawing of Grab handle with cross section |  |
| 20.13 | Drawing of Sun visor with details of metal wire used |  |
| 20.14 | Drawing of lamp assembly mounted at roof |  |
| **21.0** | **Air Conditioning and Heating Performance Tests (Clause 4.5.4) Compliance Established**  **–Yes / No** |  |
| **22.0** | **Acceleration Test (Clause 4.2.1 and IS:11851-2002) Compliance Established – Yes / No** |  |
| **23.0** | **Water Proofing Test (IS:11865-1995) – Compliance Established –Yes / No** |  |
| **24.0** | **Dust Ingress Test (IS:11739-1997) Compliance Established –Yes / No** |  |