

**Proceedings of the Secretary, State Transport Authority,**  
**Kerala, Thiruvananthapuram**  
**(Present Sri: RAJEEV PUTHALATH, JTC)**

**Proc.No.D1/e-44270/STA/2017**

**Dated: 19.04.2018**

**(Design Approval No.4/2017)**

Sub: - Motor Vehicles Department- Design approval of **“6.8 MT Double Axled Flat Bed Trailer”** – reg.

- Ref:- 1. Application received on 01.11.2017 from M/s Kerala Electrical and Allied Engineering Co. Ltd., 7<sup>th</sup> Floor, Housing Board Office Complex, Panampilly Nagar, Kochi-682 036
2. Report of the Executive Director (Technical) in charge of General Manager, Kerala State Road Transport Corporation vide Letter No.ML5/016714/16 dated 07.02.2018

**Order**

M/s Kerala Electrical and Allied Engineering Co. Ltd., 7<sup>th</sup> Floor, Housing Board Office Complex, Panampilly Nagar, Kochi-682 036 has applied for design approval for **“6.8 MT Double Axled Flat Bed Four Wheeler Trailer”**- along with the design calculation, specifications and drawing. As per the report of the General Manager, Kerala State Road Transport Corporation vide reference 2, the design of the trailer will be safe and can be approved. The above details were verified and found comply with the provisions of Chapter VII of Motor Vehicles Act 1988 and Rules made there under in Kerala Motor Vehicle Rules 1989.

I, the Secretary, State Transport Authority, Kerala do hereby approve the design of **6.8 MT Double Axled Flat Bed Trailer** as per Rule 309 of Kerala Motor Vehicle Rule 1989 as detailed below.



### SPECIFICATION OF THE TRAILER

|     |                               |   |
|-----|-------------------------------|---|
| 1.  | Type of Body                  | Doule Axled, Flat Bed, Draw Bar Type              |
| 2.  | Un laden weight of trailer    | 1800kg  |
| 3.  | GCW                           | 6800kg  |
| 4.  | Payload                       | 5000kg  |
| 5.  | Front Axle Weight             | 3350kg  |
| 6.  | Rear Axle Weight              | 3450kg  |
| 7.  | Overall Length of the Trailer | 5300mm  |
| 8.  | Overall Width of the Trailer  | 1850mm  |
| 9.  | Overall Height of the Trailer | 2900mm  |
| 10. | Wheel Base                    | 2760mm  |
| 11. | Body Dimension                | 4000 x 1800 x 2000 mm                             |
| 12. | Tyres                         | 7.50 x 16 – 12 PR -4 Nos.                         |
| 13. | Brakes                        | Hand Operated Mechanical Parking Brakes:<br>250mm |
| 14. | Type of Prime Movers          | Suitable Agriculture Tractor, Jeep, etc.          |
| 15. | Axle                          | 63mm Square – 2 Nos.                              |
| 16. | Other Fittings                | Mud Guard, Number Plate, Tail Lamp, etc.          |

**ADDITIONAL PARTICULARS REQUIRED FOR R C BOOK ENTRIES**

**ARE FURNISHED BELOW**

|    |                                   |   |
|----|-----------------------------------|---|
| 1. | Class of Vehicle/ Type of Vehicle | HMV Trailer   |
| 2  | Maker's Name                      | Kerala Electrical and Allied Engineering Co. Ltd. (KEL) |
| 3. | Type of Body                      | Doule Axled, Flat Bed, Draw Bar Type                    |
| 4. | Month and year                    | As applicable   |
| 5. | Chassis number                    | As applicable   |
| 6. | Maker's Classification            | 6.8 MT Double Axled Flat Bed Trailer                    |
| 7. | Wheel Base                        | 2760mm  |
| 8  | Colour                            | As applicable   |
| 9  | GCW                               | 6800kg  |
| 10 | Un laden Weight                   | 1800  |
| 11 | Tyres                             | 7.50 x 16 – 12 PR -4 Nos.                               |
| 12 | Brake to be used                  | Hand Operated Mechanical Parking Brakes:<br>250mm       |

Sd/-  
Secretary,  
State Transport Authority,  
Thiruvananthapuram

Approved for issue,

  
Senior Superintendent.

To,

M/s Kerala Electrical and Allied Engineering Co. Ltd., 7<sup>th</sup> Floor, Housing Board Office Complex, Panampilly Nagar, Kochi-682 036

Copy to: - All Registering/Addl. Registering Authorities in Kerala State