

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

**Proc.No.D1/226/2016-TC**

**Dated: 25.07.2017**

**(Design Approval No.2/2017)**

Sub: - Motor Vehicles Department- Design approval of “**16 Ton Dual Axle Semi Low Bed Semi Trailer**” – reg.

Ref: - 1. Application received on 22.12.2016 from M/s SATRAC Engg. Pvt. Ltd., 127, Sompura Industrial Area, Dabaspeth 3<sup>rd</sup> Phase, Nidavanda Village, Nelamangala, Bengaluru – 562 132

2. Report of the Executive Director (Technical) in charge of General Manager, Kerala State Road Transport Corporation vide Letter No.ML5/016714/16 dated 21.07.2017

**Order**

M/s SATRAC Engg. Pvt. Ltd., 127, Sompura Industrial Area, Dabaspeth 3<sup>rd</sup> Phase, Nidavanda Village, Nelamangala, Bengaluru – 562 132 has applied for design approval for “**16 Ton Dual Axle Semi Low Bed Semi 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 Trailer design as per Rule 309 of Kerala Motor Vehicle Rule 1989 as detailed below, subject to the exemption granted by the Government of Kerala from the provision of sub rule (1) of Rule 93 of the Central Motor Vehicles Rules, 1989, since the dimension of the said vehicle exceeds the prescribed limit.

**SPECIFICATION OF THE TRAILER**

1.	Class of Vehicle	HMV Trailer
2.	Type of Body	Tandem Axle Semi Trailer- Semi Low Bed
3.	Un laden weight of trailer	12182kg
4.	GCW	35000kg
5.	Prime mover Weight	5900kg

6.	Payload	16918kg
7.	Overall Length of the Trailer	16060mm
8.	Overall Width of the Trailer	3115mm
9.	Wheel Base of Trailer	13250mm
10.	Wheel Track of Trailer	2210mm
11.	Tyres	8.25x 20-16 Ply -8 Nos
12.	Brakes	Twin Line Air Brake System- Fail safe
13.	Turning radius	10.711mtr

### **CONDITIONS**

1. "16 Ton Dual Axle Semi Low Bed Semi Trailer" should be attached to a suitable approved prime mover, adhering the emission norms in force. ABS Braking System will be provided.
2. The manufacturer shall take care that the specification approved are not violated.
3. The manufacturer shall produce the approval copies of the proceedings, design specification and drawings to the concerned registering authority at the time of registration.
4. The manufacturer shall use the safety standard of the components as per Rule 124 of Central Motor Vehicle Rules 1989.
5. The design approval has been approved on the basis of the specifications submitted by the manufacturer. The State transport Authority has the right to initiate cancellation / withdrawal of the approval issued in case of any fraud/ misrepresentation / modified the original design / when it surfaces and comes to the knowledge of the State transport Authority.
6. All the registering authorities are requested to register the vehicle as and when procured as new model, subject to the provisions of chapter VII of Motor Vehicles Act, 1988 and the rules framed there under.

To,

M/s. SATYAM Regg. Pvt. Ltd., 127, Bangla Industrial Area, Bangalore 2, Phase,  
Indira Nagar Village, Mahanagar, Bangalore - 562 102

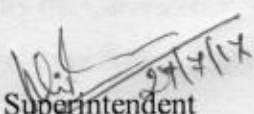
Copy to: All Registering Auth. Registering Authorities in Kerala State

**ADDITIONAL PARTICULARS REQUIRED FOR R C BOOK ENTRIES ARE  
FURNISHED BELOW:**

1.	Class of Vehicle/ Type of Vehicle	HMV Trailer
2.	Maker's Name	M/s SATRAC Engg. Pvt. Ltd., 127, Sompura Industrial Area, Dabaspeth 3 <sup>rd</sup> Phase, Nidavanda Village, Nelamangala, Bengaluru - 562 132
3.	Type of Body	Tandem Axle Semi Trailer- Semi Low Bed
4.	Month and year	As applicable
5.	Chassis number	As applicable
6.	Maker's Classification	16 Ton Dual Axle Semi Low Bed Semi Trailer
7.	Wheel Base	13250mm
8.	Colour	As applicable
9.	GCW	35000kg
10.	Un laden Weight	12182
11.	Tyres	8.25 x 20-16 PR tyres
12.	Brake to be used	Twin Line Air Brake System- Fail safe
13.	Turning Radius	10.711mtr

**Sd/-**  
Secretary  
State Transport Authority,  
Thiruvananthapuram

Approved for issue,

  
Senior Superintendent

To,

M/s SATRAC Engg. Pvt. Ltd., 127, Sompura Industrial Area, Dabaspeth 3<sup>rd</sup> Phase,  
Nidavanda Village, Nelamangala, Bengaluru - 562 132

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