

PROCEEDINGS OF THE SECRETARY, STATE TRANSPORT AUTHORITY,  
KERALA, THIRUVANANTHAPURAM.

PRESENT: Sri. P.A. Sainudeen, JTC.

Sub:- MVs Department – Motor Vehicles Department-Design approval of  
"Triple axle(49Ton)-Commercial Articulated Transport Trailer"-  
Permission granted-Order issued.

Read:- 1) Application received from M/s Trydon Truck line Systems.Near  
Govt:ITI.Bhavani Road.MetturDam.Salem  
2) Proceedings of the Transport Commissioner,Chepauk.  
Chennai.Tamilnadu.vide Order No.10160/H2/2015dated  
04/08/2015.Approval No:51/2015.

**Order No:D3/18972/STA/2015 Dated 25/08/2015**

The applicant has requested to grant the approval of design of "49Ton Triple Axle Commercial.Transport Trailer"The design was already approved by the TransportCommissioner,Chepauk.Chennai.vide paper read as 2<sup>nd</sup> above,asper the provision of Rule 351 of Tamilnadu M V Rule 1989.Hence I,the Secretary.State Transport Authority,Kerala hereby extend the approval in KeralaState also exercising the powers delegated to me under Sub Rule (9) of Rule 305 of KMV Rules1989 and hereby direct all Registering Authorities in KeralaState to register this design as and when produced as anew model subject to the provision of Chapter VII Of MV Act 1988.The detailed Specification and drawing are attached herewith.


Sd/-  
Secretary,  
State Transport Authority,  
Thiruvananthapuram.

To  
All Registering/Addl.Registering in KeralaState.

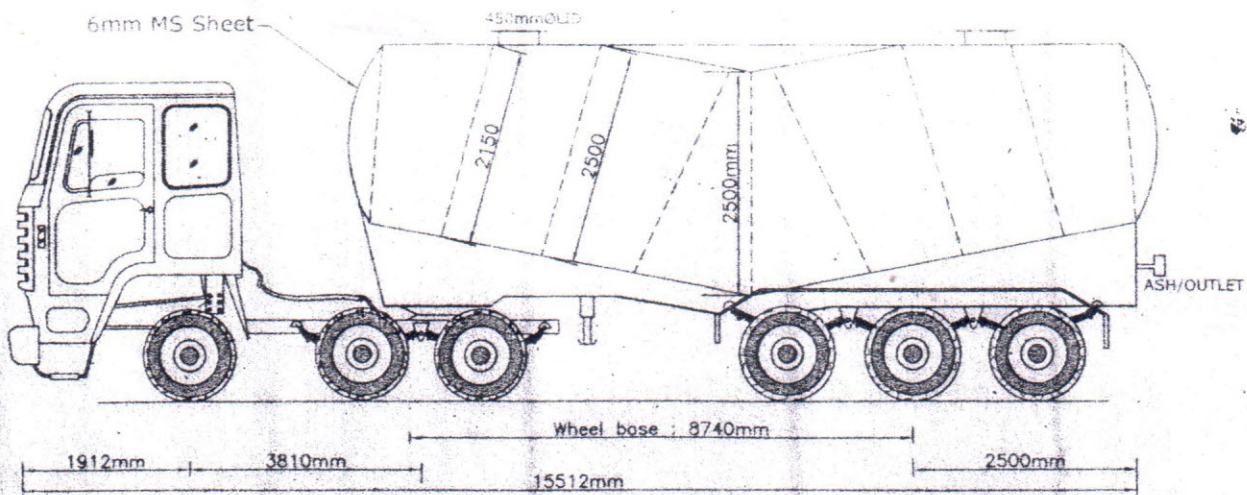
Copy to :-The Applicant (for information)

Approved for issue

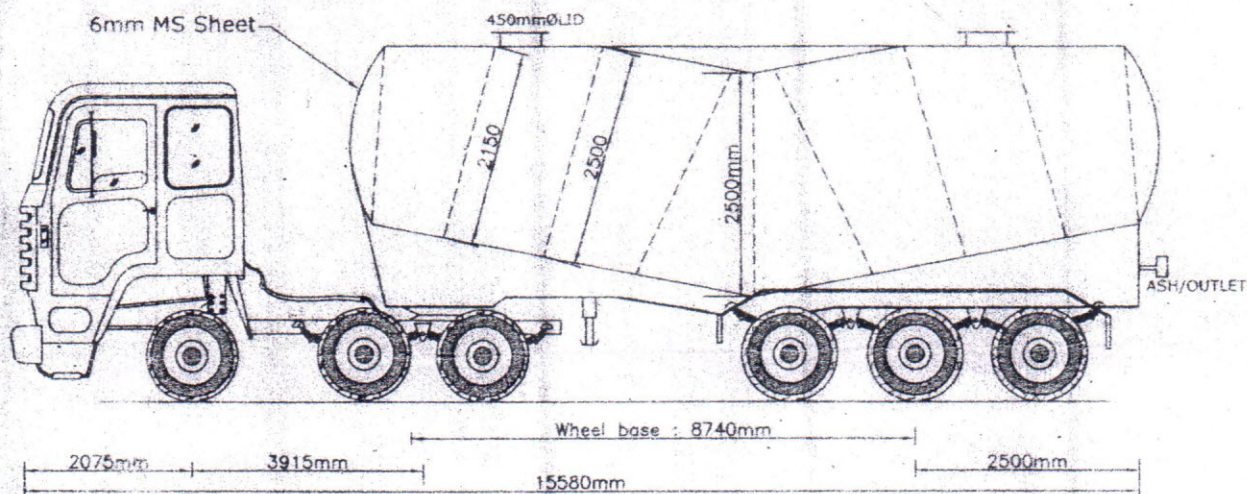
  
31.8.15.  
Senior Superintendent.

  
31/8/15

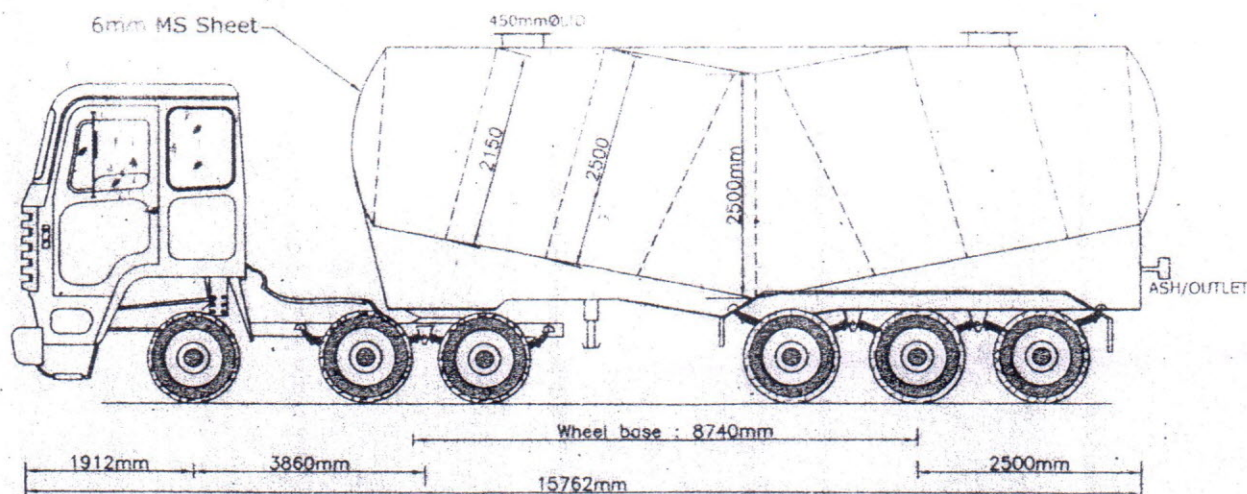




SIDE ELEVATION OF TRACTOR & TRAILER COMBINATION - : AL FV 4923(8/2010)

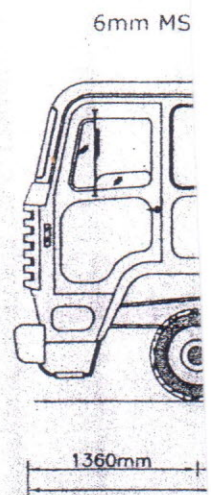


SIDE ELEVATION OF TRACTOR & TRAILER COMBINATION - : TATA PRIMA 49.230 (383/2012)  
EICHER PRO 8049 (352/2014)  
TATA PRIMA 4928 S (282/2011)



SIDE ELEVATION OF TRACTOR & TRAILER COMBINATION - : AMW 4923TR (202/2011)

BHARAT BENZ 4920 (56/2013)  
BHARAT BENZ 4928 (57/2013)

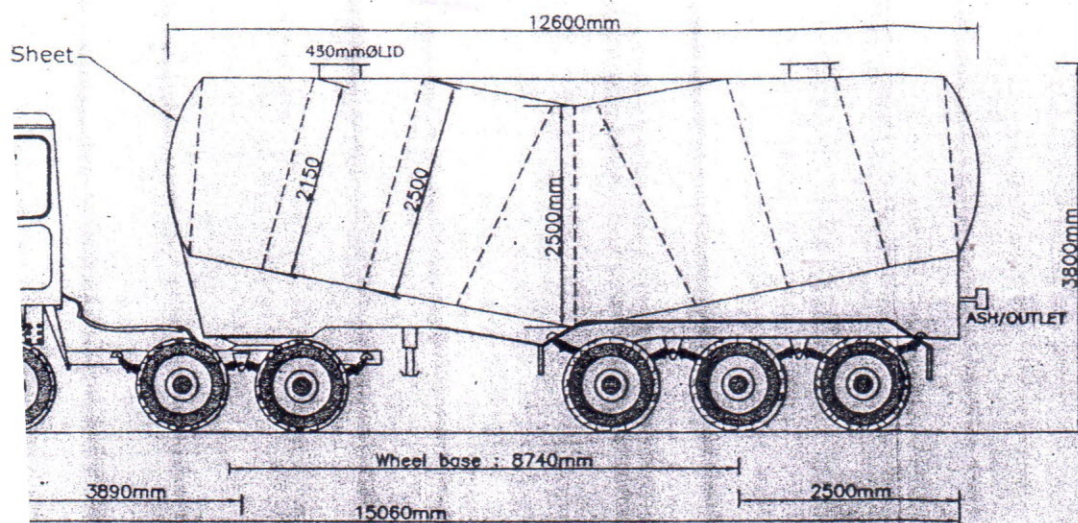


# OVERALL LENGTH OF TRACTOR

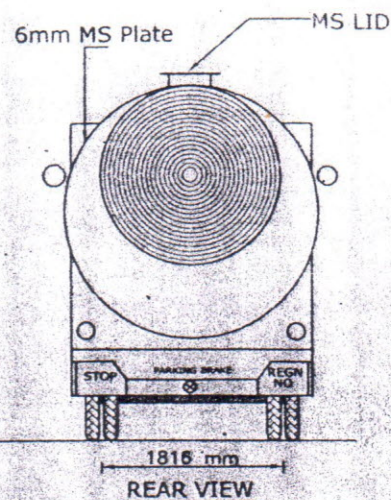
Sl No.	PRIME MOVER [STA Circular Number]
1	AMW 4923 TR (202/2011)
2	EICHER PRO 8049 (352/2014)
3	AL FV 4923 (8/2010)
4	TATA PRIMA 4923 (383/2012)
5	TATA PRIMA 4928 (282/2011)
6	MAN CLA 49.280 (94/2007)
7	MAN CLA 49.220 (425/2012)
8	BHARAT BENZ 4920 (56/2013)
9	BHARAT BENZ 4928 (57/2013)

LOCATION OF EMBOSMENT @ 6.00m

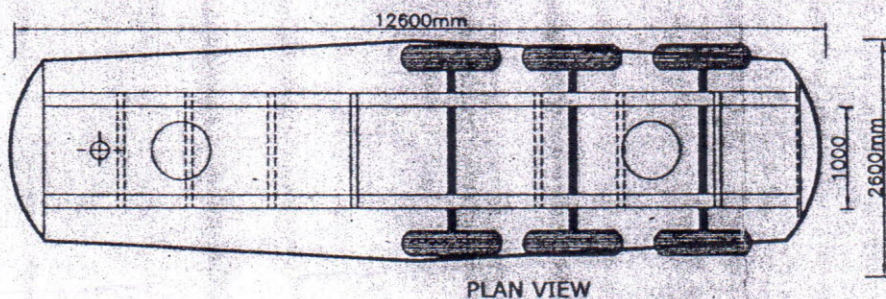




SIDE ELEVATION OF TRACTOR & TRAILER COMBINATION : MAN CLA 49.220(425/2012)  
: MAN CLA 49.280(94/2007)



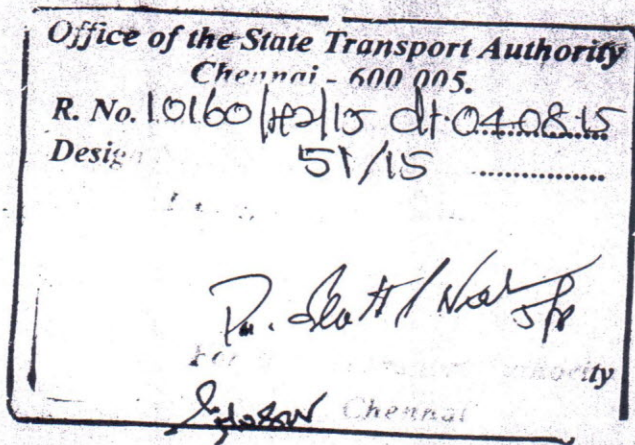
REAR VIEW



PLAN VIEW

#### TECHNICAL SPECIFICATION

Main Members : 2 Nos. ISMB 300  
Cross Member : 6 Nos. ISMB 150  
Tank Material : 6mm MS Plate  
Flitch Plate : 8 mm M.S. Plate  
Axle : 3 nos. EN 8 - H.S. Steel 125 mm Ø.  
Suspension : 6 nos. 16 Leaves Multi leaf springs.  
Brakes : 'S' Cam Type - twin line air brake system.  
Tyres : 6 nos. 385/65 R 22.5 SUPER SINGLES TYRE  
Red Reflectors : 2 Nos. in the Rear.  
Overall Length : 12600 mm  
Overall Width : 2600 mm  
Overall Height : 3800 mm  
Wheel Base of Trailer : 8740 mm  
King Pin Offset : 1450 mm  
Rear Overhang : 2500 mm  
Unladen Weight Of Trailer : 7000 kg  
Telescopic Front Support : 2 Nos.  
G.V.W Of Primer Mover : 49000 kg.



#### - TRAILER COMBINATION:-

Wheel base of Prime mover	Front Overhang	King pin Offset	Wheel base of Trailer	Rear O.H. of Trailer	Gross Comb Length
3850mm	1360	1-1750	8450	3000	15910mm
3810mm	1456	1-1750	8450	3000	15966mm
3900mm	1400	1-1750	8450	3000	16000mm
3890mm	1360	1-1750	8450	3000	15950mm
3890mm	1360	1-1750	8450	3000	15950mm
3875mm	1410	1-1750	8450	3000	15965mm
3890mm	1410	1-1750	8450	3000	16000mm
3975mm	1300	1-1750	8450	3000	15975mm
3975mm	1300	1-1750	8450	3000	15975mm

1000 REAR END BUMPER

for Trydon Truck Line System's

PROPRIETOR

ER. M. ULAGANATHAN, M.E. DESIGN OF ASH CARRIER  
34/83, THIRD FLOOR,  
MANDHAIVEL STREET,  
CHENNAI-600 028.  
CELL:98411 58366

TRYDON TRUCKLINE SYSTEMS  
NEAR GOVT ITI, BHAVANI MAIN ROAD  
METTUR DAM - 636 452,  
SALEM DISTRICT, TAMILNADU