



भारत सरकार

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Government of India

कृषि एवं किसान कल्याण मंत्रालय

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Ministry of Agriculture and Farmers Welfare

कृषि एवं किसान कल्याण विभाग

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Department of Agriculture and Farmers welfare

दक्षिणी क्षेत्र कृषि यंत्र प्रशिक्षण एवं परीक्षण संस्थान

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Southern Region Farm Machinery Training & Testing Institute

ट्रैक्टर नगर, गार्लदिन्ने, जि. अनंतपुर (आ. प्र.)

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Tractor Nagar, Garladinne, Dist. Anantapur (A.P.)-515 731

An I.S.O. 9001- 2015 Certified Institute

Website.: <https://srfmtti.dacnet.nic.in/Testing.html>E-mail: fmti-sr@nic.in

**SPECIFICATION SHEET OF TRACTOR TRAILER TO BE FILLED BY THE
APPLICANT/MANUFACTURER**

1.0 GENERAL:

1.1	Name and address of manufacturer:	:	
1.2	Name & address of applicant	:	
1.3	Name of Machine	:	
1.4	Capacity, (tonne)	:	
1.5	Year of manufacture	:	
1.6	Chassis serial number	:	
1.7	Cost of Machine, (Rs.)	:	
1.8	Whether machine has been tested earlier	:	
	a. If yes, test report number	:	

Name of the Manufacturer/ Applicant	Document No, if any Revision status	Name of the Test Agency: SRFMTTI, Garladinne
Signature :	Make :	Signature :
Name :	Model :	Name :
Designation :	Sheet No. _____ of _____	Designation :
Date :		Date :

2.0 TECHNICAL SPECIFICATION:

2.1	Make	:	
2.2	Model	:	
2.3	Type of trailer body	:	
2.4	Class of Vehicle	:	
2.5	Type of vehicle/category	:	
2.6	ULW (Unladen weight), (kg)	:	
2.7	Pay load recommended, (kg)	:	
2.8	GVW (Gross vehicle weight), (kg)	:	
2.9	Height of hitch from ground level, mm	:	
2.10	Inner size of trailer platform, (mm) (L x W x H)	:	
2.11	Recommended tractor power, (hp)	:	

3.0 HYDRAULIC CYLINDER DETAILS (as per IS 12371:1988 (Reaffirmed 2019) Type-1):

3.1	Make & Model	:	
3.2	Capacity, tonne	:	
3.3	Type of ram cylinder	:	
3.4	Pay load, tonne	:	
3.5	Size of ram cylinder, (mm):		
3.6	a) 1st piston dia.	:	
	b) 2nd piston dia.	:	
	c) Cylinder dia.	:	
	d) Stroke length	:	
3.7	Total length of ram cylinder during lifting of box assembly, (mm)	:	

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4.0 AXLE (As per clause A-3.1, Annexure-A of IS 8213-2000):

4.1	Type of axle shaft	:	
4.2	Axle shaft size, (mm) (Length x Dia)	:	
4.3	Number of axle	:	
4.4	No. & type of bearing	:	

5.0 TRAILER WHEEL:

5.1	Make	:	
5.2	Type	:	
5.3	Numbers	:	
5.4	Size of tyre with PR	:	
5.6	Track width, (mm)	:	
5.7	Distance between centre of rear wheel of tractor to the centre of trailer wheel, (mm)	:	
5.8	Max. loading capacity of each tyre at inflation pressure, (Kg) :		
	Max. load single	:	
	Max. load dual	:	
5.9	Recommended inflation pressure, (PSI)	:	

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6.0 MARKING/LABELING:

A metallic labeling plate shall be riveted on the trailer chassis with the following information:

Name and address of the Manufacturer (registered trademark, if any)			
Make		Year of Manufacturer	
Model		Recommended tractor power, (hp)	
Name of Machine		Country of Origin	
Type		Unladen weight (kg)	
Capacity		Gross vehicle weight, (kg)	
Chassis no./Serial no.			

7.0 OTHER DETAILS:

7.1	Parking stand	:	
7.2	Tool Box	:	
7.3	<u>Safety devices:</u> a. Slow moving vehicle emblem b. Two side reflectors c. Rear amber flash lamps d. Dust cover e. Two turn indicators f. Two brake operated stop light	 : : : : : :	(Provided/Not provided)
7.4	Color of trailer:		
	Trailer	:	
	Chassis	:	
7.5	Overall dimensions, (mm)	:	
	Length	:	
	Width	:	
	Height	:	
	Ground clearance		

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7.6	Trailer chassis Size, (LxWxDia.), mm)	:	
7.6	Trailer chassis Shape	:	
7.7	Material of Sheet metal	:	
7.8	Sheet metal size, (mm)		
	For side	:	
	For base	:	

8.0 MATERIAL REQUIREMENTS FOR COMPONENTS OF TRAILER:

Sl. No	Name of Component	Material (As per clause 5.1, IS 8213:2000)	Material used by manufacturer
i)	Chassis	Mild steel	
ii)	Tow eye or tow jaw	Carbon steel	
iii)	Platform	Mild steel	
iv)	Side boards	Mild steel/ Timber	
v)	Leaf spring	Spring steel	
vi)	Axle	Structural steel	
vii)	Hub	Cast iron	
viii)	Brake drum	Cast iron	
ix)	Cap	Cast iron/ Mild steel	
x)	Washer	Mild steel	

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8.1 BRAKE SYSTEM: - Provided /Not Provided**[If provided, Detail of material need to be specified in the table]**

S. No	Name of Component	Material as per IS: 10807-2001	Material used as per applicant
i.	Brake drum	Cast iron/Steel	
ii.	Backing plate	Cast iron/Steel	
iii.	Brake shoe	Cast iron/Steel Cast aluminum	
iv.	Brake cam shaft	Carbon steel	
v.	Brake shoe pin	Carbon steel	
vi.	Axle	Carbon steel	
vii.	Hub	Cast iron	
viii.	Dust cover/cap	Mild steel	

Place:

Dated:

Signature with seal:

Name:

Designation:

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