

AUTOMOTIVE INDUSTRY STANDARD

**Requirements of Load Platforms of
Agricultural Tractors**

PRINTED BY
THE AUTOMOTIVE RESEARCH ASSOCIATION OF INDIA
P.B. NO. 832, PUNE 411 004
ON BEHALF OF
AUTOMOTIVE INDUSTRY STANDARDS COMMITTEE
UNDER
CENTRAL MOTOR VEHICLE RULES – TECHNICAL STANDING COMMITTEE
SET-UP BY
MINISTRY OF SHIPPING, ROAD TRANSPORT & HIGHWAYS
(DEPARTMENT OF ROAD TRANSPORT & HIGHWAYS)
GOVERNMENT OF INDIA

February 2009

Status chart of the Standard to be used by the purchaser for updating the record

Sr. No.	Corrigenda	Amendment	Revision	Date	Remark	Misc.

General Remarks :

INTRODUCTION

The Government of India felt the need for a permanent agency to expedite the publication of standards and development of test facilities in parallel when the work on the preparation of the standards is going on, as the development of improved safety critical parts can be undertaken only after the publication of the standard and commissioning of test facilities. To this end, the erstwhile Ministry of Surface Transport (MOST) has constituted a permanent Automotive Industry Standard Committee (AISC) vide order No. RT-11028/11/97-MVL dated September 15, 1997. The standards prepared by AISC will be approved by the permanent CMVR Technical Standing Committee (CTSC). After approval, the Automotive Research Association of India, (ARAI), Pune, being the secretariat of the AIS Committee, will publish this standard. For better dissemination of this information ARAI may publish this document on their web site.

Load platform is an important safety item in case Agricultural Tractors are equipped with it. EEC Directive 74/152/EEC describes technical and safety requirements related to load platform for Agricultural Tractor. As there is no Indian Standard (IS) exists on this subject, considerable assistance is derived from following EEC Directive while preparing this standard.

In addition to EEC directive, few additional safety requirements are added to protect falling of goods loaded on the load platform.

EEC Directive 74/152/EEC as amended 97/54/EC	On the approximation of the laws of the Member States relating to the maximum design speed of and load platforms for wheeled agricultural or forestry tractors
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The Automotive Industry Standards Committee responsible for preparation of this standard is given in Annex: 1.

Requirements of Load Platforms of Agricultural Tractors

1. SCOPE

This standard specifies the technical requirements of load platform of Agricultural Tractors.

2. DEFINITIONS

2.1 Agricultural Tractor

As defined in 3.9 of AIS-053-Automotive Vehicles -Types -Terminology.

2.2 Load Platform

A platform attached to the structure of the tractor for the carriage of load.
(Refer Figure 1)

3. REQUIREMENTS

- 3.1 The centre of gravity of the tractor with loaded platform shall be situated between the axles.
- 3.2 The dimensions of the platform shall be such that:
 - 3.2.1 The length does not exceed 1.4 times the front or rear track of the tractor, whichever is the larger.
 - 3.2.2 The width does not exceed the maximum overall width of the tractor without platform.
 - 3.2.3 Adequate side protection shall be provided to prevent falling off goods loaded on load platform.
- 3.3 The platform shall be laid out symmetrically in relation to the longitudinal median plane of the tractor.
- 3.4 The height of the load platform above the ground shall be not more than 1500 mm.
- 3.5 The load platform shall be attached to the tractor in such a way as to avoid any risk of accidental detachment.
- 3.6 The type of platform and the way it is attached shall be such that, with a normal load, the driver's field of vision remains adequate and the various mandatory lighting and light-signalling devices may continue to fulfill their proper function.
- 3.7 Manufacturer shall declare safe load carrying capacity for such load platform.

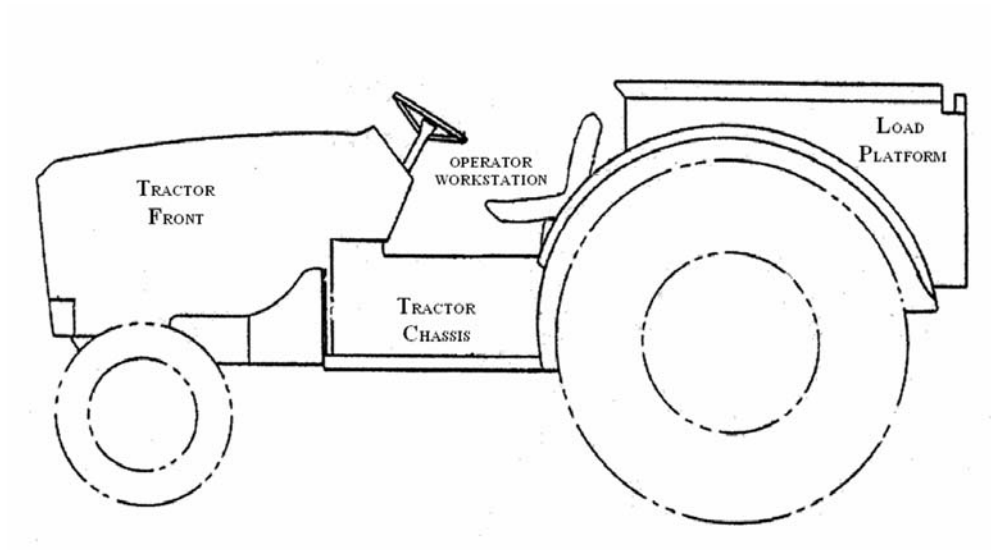


Figure 1
Schematic Diagram of Load Platform

ANNEX 1
(See Introduction)

COMMITTEE COMPOSITION *
Automotive Industry Standards Committee

Chairman	
Shri Shrikant R. Marathe	Director The Automotive Research Association of India, Pune
Members	Representing
Representative from	Ministry of Shipping, Road Transport & Highways (Dept. of Road Transport & Highways), New Delhi
Representative from	Ministry of Heavy Industries & Public Enterprises (Department of Heavy Industry), New Delhi
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Shri K.N.D. Nambudiripad	Automotive Components Manufacturers Association of India, New Delhi
Shri Arvind Gupta	Automotive Components Manufacturers Association of India, New Delhi

Member Secretary
Mrs. Rashmi Urdhwareshe
Deputy Director
The Automotive Research Association of India, Pune

* At the time of approval of this Automotive Industry Standard (AIS)