

RSA-MIL-STD-65

RACKING INSTALLATION SYSTEM FOR DOD STORES: STANDARD FOR

SCOPE

1. Purpose/Application

- 1.1 The primary purpose of this standard is to guide the installation of Static Pallet Racking within the DOD to ensure a uniform standard for installations.
- 1.2 A further purpose of this standard is to provide background information for users of pallet racking to ensure that the best use of the equipment is achieved and that the recognised elements of safety are maintained.

2. Scope

- 2.1 The requirements contained in this document, have been formulated within the frame of reference of South African products to ensure uniformity and easy availability.
- 2.2 The storage facilities under consideration are only used for military purposes and thus are warehouses within the DOD with the exclusion of ammunition.
- 2.3 The type of storage system that is under discussion, is the Adjustable Pallet Racking System (also called Static Pallet Racking).
- 2.4 The standard is only applicable to the installation of racking and not to shelving.
- 2.5 The following aspects are addressed in the Standard:
 - Floors: Strength / carry capacity
Horizontal level
 - Racking: Fixing to floor
Upright angle and height
Horizontal straightness
 - Erection dimensions
 - Tolerances
 - Stability
 - Racking auxiliary equipment
- 2.6 The assumption is made that the racking in this case, is only to be used for technical stock/commodities. The racking is developed for pallets as specified in RSA-MIL-STD-78.
- 2.7 The standard is based on racking currently available in South Africa as well as handling equipment available in South Africa.
- 2.8 Limited information on the stores layout and maintenance of systems are included. This information cannot be because no other relevant publication currently exists.

- 2.9 General requirements are distinguished from detailed requirements and acceptable tolerances are specified.
- 2.10 Storage facilities T46 and TOOI 62 at DOD Main Ordnance Depot Centurion are used as references for this standard. This standard is written in retrospect after completion of the storage facility to ensure reconcilability in the future.
- 2.11 This document is intended to aid the design process and it does not facilitate the purchasing of a racking installation service which is not preceded by a proper design process. It therefore does not replace the design process but rather supports it.