

# **RSA-MIL-STD-189**

## ***MAIN EQUIPMENT SYSTEM CODE (SA ARMY)***

### **SCOPE**

#### **1. Purpose**

This standard contains a description of the Main Equipment Code (MEC) and the System Code (SYC), which together make up the Main Equipment System Code (MESC).

To assist in the allocation of the codes, the method of allocating MESC'S and an introduction to hierarchical breakdowns is included.

The Aim of the Main Equipment System Code (MESC) is to capture the operational data / information in respect of main equipment, related systems, sub-systems, assemblies and sub-assemblies and to group the data in such a manner to support the integrated Logistic Support (ILS) processes of the product systems. The code is used for the capturing of the data / information for planning, control and analyses to support the following Logistic Support Processes.

- a. Technical Maintenance
  - i. Maintenance planning
  - ii. Maintenance analyses
- b. Product System Management
  - i. Serviceability status
  - ii. Reliability and defect analyses...
  - iii. Configuration control

#### **2. SCOPE**

The Main Equipment System Code (MESC) is a ten-character alpha numeric code for use in logistic processes, e.g. in the systems and modules of the SA Army Logistic Information System.

The code is structured to firstly identify the type of main equipment and secondly to represent the hierarchical breakdown of the system into functional system groups, sub-systems, assemblies and sub-assemblies. For this reason the code is divided into two parts: The Main Equipment Code (MEC) with 4 Characters and the System Code (SYC) with 6 characters.