

## **LEAFLET 3**

### **R&M ENGINEERING STANDARDS (Their Relevance and Usage)**

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## 1. INTRODUCTION

**1.1** Reliability and Maintainability (R&M) Standards have been used for many years. In 2008 with the continuing drive to adopt International Standards in preference to standards having less prestige the Committee for Defence Equipment Reliability and Maintainability (CoDERM) established a Standards Working Group to investigate the use of R&M related standards within the MoD and Industry.

**1.2** The working group listed in excess of 250 standards, of which it was estimated that half were in regular use. Detailed assessment of individual standards supported the hypothesis that there were few if any bad standards however their use and application regularly came into question. Recognising the preferred standards while appreciating those standards which were regularly misused the working group recommended that:

- a) The list should be categorised to provide guidance about those standard which are preferred and those which are not; and
- b) The list should be published in a format and manner accessible to many.

**1.3** These recommendations were supported by CoDERM and the list updated.

## 2. STANDARDS LIST

**2.1** The Standards List has been published and is accessible from [Standards List](#) (*link*)

**2.2** Unlike other documents which are published in the Portable Document Format (PDF) the Standards List has been published in the Microsoft Excel .XLS spreadsheet format to facilitate the easy of navigation and to enable search and manipulation of the data should it be desired. The .XLS format is one of the most common spreadsheet formats in use today with readers readily available for downloading from the Internet should the host program not be available to view the list.

## 3. CATEGORISATION

**3.1** Following a recommendation from the Standards Working Group each standard has been assessed and categorised to provide some degree of guidance about the standards which the MoD preferred to include and/or not to have included in future acquisition contracts.

**3.2** The guidance categories for the standards are as follows:

- a) Actively Influence Use & Development:
- b) Influence Development:
- c) Monitor Development:
- d) Actively Encourage Use:
- e) Actively Discourage Use:

- f) Recognise:
- g) Suggest use when asked:
- h) Ignore:

**3.3** Such categorisation indicates preference, not exclusion, and the Project Team or Contractor who may for quite justifiable reasons prefer to use the United States Military Handbooks or Military Standards perhaps in preference to the British Defence Standard should include as part of their evidence and arguments for assurance in their R&M Case and/or R&M Case Report(s) the reasons supporting those decisions.

#### **4. VERSION CONTROL**

**4.1** Unlike the majority of other GR-77 Chapters and Leaflets which retain a common version number for the whole document including any additional pages in the form of Annexes or Attachments the Standards List shall be updated separately under the management of CoDERM and not retain the same version number as this Leaflet. This will enable the Standards List to be updated more quickly and with less effort than would be required to update this Leaflet by publish it by direct document replacement.

**4.2** The Standards List version number can be found together with the release date in the top left hand corner of the list.

