Ministry of Defence

Contract Number: DGM/1880

Schedule 24: NATO Codification Requirements

For:
Next Generation Munitions Solution (NGMS) Programme

November 2020

Codification Requirements for Item Identification

1 Information to be supplied and used for the purposes of Codification is governed by the requirements of the NCS Item Identification Guide (IIG) and the approved item name shall be used for Codification. The exact requirements are item specific and will vary on an item by item basis.

2 Information may be provided in the form of engineering drawings, international / national or commercial standards and specifications, commercial literature such as catalogues, brochures or similar documentation, in hard or soft copy. Alternatively arrangement may be made to allow the data to be retrieved via URL or similar.

3 Clause 52 (Supply of Information for NATO Codification and Defence Inventory Introduction) and this Schedule 24 covers all Items of Supply, and the following information must be supplied:

(a) The NCAGE or name, address and contact details of the Design Control Authority (DCA).

(b) The name of the Item of Supply, as recognised by the DCA.

(c) Identifying References:

(i) the DCA's drawing or part number(s), and National or International Standard or Specification Reference, or both (indicating definitive or non-definitive). The references will be assumed to be fully definitive unless stated otherwise;

(ii) where the Contractor’s own identifying reference differs from the DCA’s reference, this shall also be provided;

(iii) any associated bar code or product identification numbers, assigned by companies compliant with EAN International or the Uniform Code Council (UCC).

(d) The following Volumetric Data. Definitions equate to those in ASD S2000M and the data is to be supplied in the format specified therein:

(i) length, width and height / depth of packaged unit (SPU), used with an associated unit of issue code;

(ii) length, width and height / depth of unpackaged unit (SUU), used with an associated unit of issue code;

(iii) gross weight of packaged unit (WPU), used with an associated unit of issue code;

(iv) gross weight of unpackaged unit (WUU), used with an associated unit of issue code.

4 The following additional information shall be supplied where it is necessary for the information to be used to fully distinguish Items of Supply, as determined by the applicable approved item name and NCS Item Identification Guide (IIG). The DCA is not required to disclose particulars of proprietary processes, manufacturing techniques or proprietary material specifications.

(a) Basic material (the base material from which the item is fabricated) surface treatment (the finish by which the item is plated, dipped and / or coated, including any special cleanliness conditions).

(b) All key dimensions shall be supplied for common mechanical parts, such as nuts, bolts, screws, washers etc.

(c) Where items are threaded, include the size, type, length, class and direction of the thread.

(d) Electrical Characteristics, such as nominal voltage, current or rated power, or both, of the item, rated resistance, capacitance or inductance, and operating frequencies.

(e) For any pressure system components and equipment details of the pressure ratings.

(f) Temperature ratings.

(g) Information on distinguishing features, e.g. colour, shape, style, holes, cut-outs, keyways or slots, etc.

(h) Radioactive Components - radioactive materials.

(i) Software - the software identification number.

(j) Markings - markings that indicate the primary purpose, function or application of the Item of Supply.

5 For assemblies only, the Contractor shall supply the final assembly drawing or parts list, or both, including known NSNs and part numbers of constituent parts.

6 Where the Item of Supply is designed for a specific application, the source data shall identify the end item application.

7 Where the Item of Supply contains items of a hazardous nature, the information shall identify the existence of any hazard and the Contractor shall provide a safety data sheet in accordance with DEFCON 68.

Requests for NATO Codification

8 Where the Contractor is required to apply for NATO Codification on behalf of the Authority:

(a) all requests for codification action must be submitted using the Authority's mandated system.

(b) Access to the Authority's mandated system is via a user account allocated by UKNCB (subject to conditions).

(c) The Contractor shall supply the following additional information to the Codification Authority or to the Authority (as directed by the Authority) to enable automated item introduction on the Authority's relevant base inventory system. Where this information is not known, the Representative of the Authority shall be contacted for guidance:

Data Field	ASTRID
Requirement for Provenance and Traceability (items fitted to aircraft requiring Certificate of Conformity)	Y
Used on next higher assembly – End item information	Y
Unit of Issue Code	Y
Hazardous Indicator	Y
Materiel Accounting Classification Code	Y