

## Department of Defense (DoD) Fiscal Year 2020 Agency Report

**1. Please provide a summary of your agency's activities undertaken to carry out the provisions of OMB Circular A-119, "Federal Participation in the Development and Use of Voluntary Consensus Standards and in Conformity Assessment Activities" and the National Technology Transfer and Advance Act (NTTAA). The summary should contain a link to the agency's standards-specific website(s) where information about your agency's standards and conformity assessment related activities are available.**

The primary goal of the Department of Defense (DoD) is to support our nations warfighter in the most efficient, effective, and cost conscious manner possible while meeting mission objectives. Standards and standardization are essential elements to ensuring cost containment and operational effectiveness are achieved during the development and continued maintenance of DoD systems and subsystems. More information on the Defense Standardization Program can be found at <https://www.dsp.dla.mil>.

DoD relies on voluntary consensus standards (VCS) to gain access to cutting edge technologies within the global marketplace while ensuring costs are contained within the acquisition environment. In Fiscal Year 2020, DoD adopted 50 VCS in several areas, including: Thermal Joining of Metals, Electrical Insulators and Insulation, Bolts, Obsolescence Management, and Electrical Connectors. DoD also canceled 141 military unique documents and replaced 9 of them with VCS.

DoD uses VCS for many different purposes. As an example, in Fiscal Year 2020, Naval Sea Systems Command, adopted a series of standards through the American Welding Society (AWS) that contains the essential welding variables for carbon steel in the thickness range of 1/8 inch [3 mm] through 1-1/2 inch [38 mm], using manual gas tungsten arc welding. The standards cite the base metals and operating conditions necessary to make the weldment, the filler metal specifications, and joint designs for groove and fillet welds. These standard welding procedures were developed primarily for naval applications. DoD also adopted IEC 64202 on Obsolescence Management. This document will provide DoD the requirements and guidance applicable to any organization that is dependent on another organization to obtain value from the usefulness of the items that it provides a cost-effective obsolescence management process and the activities used to implement the process are applicable throughout all phases of an item's life cycle.

Lastly, DOD adopted a series of Aerospace Standards from SAE International. These standards offer technical requirements for a variety of hardware items, which are used in various DoD weapon systems such as: bolts, washers, and electrical insulation sleeving.

**2. Please list the government-unique standards (GUS) your agency began using in lieu of voluntary consensus standards during FY 2020. Please note that GUS which are still in effect from previous years should continue to be listed, thus the total number in your agency's report will include all GUS currently in use (previous years and new as of this FY):**

This agency reports voluntary consensus standards usage on a category basis