

value of the item. If the material is found suitable for issue on the date of inspection, the shelf life should be extended for a period equal to 50 percent of the original shelf-life period and the next reinspection date established accordingly. Material should be reinspected before the end of each extended shelf-life period and the shelf life extended again up to 50 percent of the original shelf life as long as the material conforms to the established criteria. Material on which the shelf life has been extended shall not be shipped to overseas activities if the time remaining in the extended shelf-life period is relatively short.

[40 FR 59596, Dec. 29, 1975]

**§ 101-27.207-3 Marking material to show extended shelf life.**

When the shelf-life period of Type II material (except for critical end-use items as described below) is extended, only the exterior containers of bulk stocks need be annotated or labeled to indicate the date of inspection and date material is to be reinspected. Individual units of issue not classified as having a critical end-use application are not required to be annotated or labeled as long as controls are established to preclude issuance of unserviceable material to a user. (A critical end-use item is any item which is essential to the preservation of life in emergencies; e.g., parachutes, marine life preservers, and certain drug products, or any item which is essential to the performance of a major system; e.g., aircraft, the failure of which would cause damage to the system or endanger personnel.) At the time of shipment, the date of inspection and date for reinspection shall be affixed by label or marked by other means on each unit of issue of Type II items having a critical end-use application.

[42 FR 61861, Dec. 7, 1977]

**§ 101-27.208 Inventory analyses.**

(a) An inventory analysis shall be conducted periodically for each Type I item to determine whether the quantity on hand will be used within the established shelf-life period. If the analysis indicates there are quantities which will not be used within the shelf-

life period, arrangements shall be made to ensure use of the item(s) within the holding agency or for redistribution to other agencies.

(b) An inventory analysis shall be conducted periodically for each Type II item with a shelf life of 60 months or less to determine whether issue of the quantity on hand is anticipated prior to the expiration of the designated shelf life. This analysis shall be made as follows:

Shelf-life period	Date of analysis
48 to 60 mos .....	12 to 16 mo. prior to expiration.
36 to 48 mos .....	8 to 12 mo. prior to expiration.
18 to 36 mos .....	6 to 8 mo. prior to expiration.
12 to 18 mos .....	4 to 6 mo. prior to expiration.
6 to 12 mos .....	3 to 4 mo. prior to expiration.
Up to 6 mos .....	No analysis required, but special emphasis should be placed on good requirements determination and proper order quantity.

(1) If the analysis indicates that the quantity on hand will not be issued within the shelf-life period and the cost of inspection or testing is not significant in relation to the line item value, the items shall be inspected to determine if the shelf-life period can be extended.

(2) If the analysis indicates that the quantity on hand will be issued within the shelf-life period, inspection is not required. However, such items shall be viewed again during the last month of the shelf-life period to determine whether quantities are sufficient to warrant inspection. The guidelines in § 101-27.207-2 shall be used to determine whether quantities are sufficient to warrant inspection and for extending the shelf-life period.

(3) If an agency does not have an inspection capability and the quantity and value of an indicated overage is sufficiently large to warrant special consideration, arrangements shall be made for qualified inspection or laboratory testing to determine whether the material is suitable for issue.

[40 FR 59596, Dec. 29, 1975]

**§ 101-27.209 Utilization and distribution of shelf-life items.**

Where it is determined that specified quantities of both Type I and Type II shelf-life items will not be used within the shelf-life period, such quantities