

[METRIC]  
A-A-2598B  
August 16, 1991  
SUPERSEDING  
A-A-2598A  
February 22, 1991

COMMERCIAL ITEM DESCRIPTION

CLOCK, ALARM (GENERAL PURPOSE)

The General Services Administration has authorized the use of this commercial item description in preference to Federal Specification GG-C-447 which has been cancelled.

This description covers hand-wound, spring-driven alarm clocks for shelf or table use. They shall be furnished in the following dial face diameters (sizes), as specified:

Size I - 7.6 centimeters (cm)  
Size II - 10.0 centimeters (cm)

Salient characteristics.

Materials. The materials used in the fabrication of the alarm shall be first-class in all respects suitable for this type of commodity.

Movements. All movements shall be first grade as to materials and workmanship. Gears shall be of clock brass or of steel, nylon, aluminum alloy or laminated phenolic material of equal or superior quality. Fiber gears are not acceptable. All pivots shall be smoothly finished to insure rigidity and shall be force fit on the shafts.

Tolerances. Tolerances on dial face diameters shall be + 0.6 cm.

Case. Cases shall be fabricated of either metal or plastic. Metal cases shall have a durable, corrosion-resistant finish. Plastic cases shall be molded of materials which will resist chipping, cracking and discoloration in everyday use. All cases shall have a transparent crystal of either glass or plastic. Cases shall be designed to prevent the entry of dust insofar as is practical; openings shall be limited to those required for winding, setting and adjusting the mechanism.

Dial. When the dial is other than metal it shall be securely fastened or held to the metal or cardboard or clock case base in such a manner as to prevent warping, buckling or irregularities in appearance or positive fit. The dial shall have Arabic numbers and minute marks on a contrasting background for the purpose of indicating the time and the setting of the alarm.

Operation. The movement of the clock shall run without object-

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ionable noise and shall operate for not less than 30 hours on one complete winding. Each shall be equipped with a regulator for rate adjustment. The regulator shall be so adjusted that the accuracy shall be within + 5 minutes per day of mean time.

Alarm. The clock shall have a loud alarm and the movement shall be so constructed that the alarm will sound continuously or intermittently at the option of the contractor for at least 18 seconds.

Tolerance between the alarm time setting and the striking of the gong shall be + 10 minutes. Manual turn-on, turn-off and setting mechanism for the alarm, with an alarm time indicator, shall be incorporated in the clock.

**QUALITY ASSURANCE PROVISIONS.**

Responsibility for inspection and tests. Unless otherwise specified in the contract or purchase order, the supplier is responsible for the performance of all inspection requirements as specified herein.

Sampling. Sampling shall be in accordance with the provisions of MIL-STD-105. Unless otherwise specified, Inspection Level II with AQL 4.0 percent defective for visual and dimensional inspection and level S-2, AQL 2.5 percent defective for testing shall apply.

Inspection. Samples selected in accordance with the requirements herein shall be visually inspected to verify conformance to dimensional and workmanship requirements of the CID. Any departure from specified requirements may be grounds for rejection.

Regulatory requirements. In accordance with Section 23.403 of the Federal Acquisition Regulations (FAR), the Government's policy is to acquire items composed of the highest percentage of recovered materials practicable, consistent with maintaining a satisfactory level of competition without adversely affecting performance requirements or exposing supplier's employees to undue hazards from the recovered materials.

Preservation, packaging, packing, labeling and marking. The preservation, packaging, packing, labeling and marking shall be as specified in the contract or purchase order.

Copies of MIL-STD-105 can be obtained from the Naval Publications and Forms Center, 5801 Tabor Avenue, Philadelphia, PA 19120.

NOTE. Purchaser shall specify Size and NSN when ordering.

Size I - 6645-00-151-5274  
Size II - 6645-00-268-4042

MILITARY ACTIVITIES:

No Interest

PREPARING ACTIVITY:

GSA - FSS