

3.10. *Handle frame.*—The handle frames shall be of metal construction and shall be sufficiently rigid to prevent whipping action or noticeable deformation when the mower is manipulated on turns or hills.

3.11. *Lubrication.*—Gears and bearings shall be accessible for lubrication.

3.12. *Riding mower or detachable sulky.*—When riding mowers are furnished, an operator's seat and footrest shall be provided as integral parts of the mower. A suitable steering wheel or steering mechanism and controls shall be provided within easy reach of the operator (when seated). Locking of the sulky when the mower is operated in reverse shall be provided. When the detachable type of riding sulky is furnished, it shall have a durable saddle-type seat and a footrest, and be substantially constructed throughout. The sulky chassis and drawbar shall be of steel and shall be readily attachable and detachable.

3.14. *Instruction book.*—The contractor shall furnish with each lawnmower, either a booklet or pamphlet giving complete instructions for the operation, lubrication, adjustment, and care of the engine, mower, and attachment units. A pamphlet listing repair parts shall also be furnished with each lawnmower.

3.16.1. *Cutting requirements.*—Rotating-reel-type mowers shall be capable of cutting heavy, thick-growth grass, 3 inches in height above the bed knife, in a single pass. The cut shall be smooth and even for all heights of cut above the ground to which the bed knife is adjusted or elevated. The mowers shall not slip at the wheels nor mar the turf in normal operation.

3.17.1. *Cutting requirements of rotary flat-knife-type power mowers.*—The lawnmowers shall be capable of cutting cleanly, in a single pass, the hardest of annual growth of buckhorn, crowfoot, dandelion, milkweed, thistle, tung grass, Bermuda, foxtail, and Johnson grass, wire grass, ragweed, foxgrass, and similar field growths. They shall also be capable of cutting lawn grass on developed lawns in an even, uniform manner.

3.17.1.1. *Height of cut above the ground.*—Except for Rotary flat-knife, medium duty type II, class 1 mowers, the height of cut above the ground shall be adjustable and located conveniently so that the setting can be made by hand.

3.17.2. *Cutter blades.*—Cutter blades for type II rotary mowers shall be of one piece and fastened to the vertical drive shafts with screws or bolts, or other suitable means, and shall be readily detachable.

3.17.7. *Conformance to ASA Standard.*—The contractor shall submit proof to the purchasing agency that the type II mowers he proposes to furnish under this specification conform to American Standard Safety Specification for Power Lawn Mowers. ASA B71.1-1964.

Federal Specification—GG-C-551b, coffee-maker set, vacuum, (gas or electric)

1. SCOPE AND CLASSIFICATION

1.1. *Scope.*—The coffee makers covered by this specification consist of two-bowl units (metal or glass, or combinations thereof), of 12-cup brewing capacity. They are heated by means of gas or electric hot-plate-type stoves or ranges.

3. REQUIREMENTS.

3.1 *Fire and casualty hazards.*—The bidder shall submit to the purchasing agency proof that the appliance he proposes to supply under this specification conforms to the standards of the Underwriters' Laboratories, Inc. parts of American Gas Association's Appliances Z21.31 for gas-heated appliances regarding fire and casualty hazards.

3.2.2. *Glass.*—The glass shall be properly annealed, heat-resistant, and thermal shock-proof glass capable of being heated in an oven to 300° F., then plunged into ice water 32° to 40° F. without damage. [Although this Government requirement is much higher than a consumers, it would be to the consumers advantage to know that the glass when extremely hot will not crack when placed into cold water.]

3.3. *Coffee makers or brewers, (nonautomatic)—materials I and II.*—I, metal bowls; II, metal upper bowl, glass lower bowl. Each bowl shall be of 12-cup usable brewing capacity. A handle shall be provided on the lower bowl to prevent the operator's hand from coming into contact with the bowl during normal use. The handle shall be fitted to the neck of the bowl in a manner to prevent swiveling.

3.3.1. *Material I (metal).*—Coffee makers (brewers) made of material I shall consist of upper and lower bowls made of corrosion-resisting steel.

3.3.1.1. *Design—metal upper bowl.*—The upper bowl shall be provided with a stem for insertion into the lower bowl. It shall be fitted with a bushing (gasket) that provides an effective seal with any lower bowl within the specified dimensions. When assembled with any such lower bowl, the bottom of the stem of