

# SURPLUS PROPER<sup>the</sup>

## SECTION I

Metals and Metal Basic Products

## SECTION II

Wood Basic and Finished Products

1944

PREPARED FOR THE  
SURPLUS WAR PROPERTY ADMINISTRATI  
BY THE  
WAR PRODUCTION BOARD

establishing  
property  
the col-  
ing pages,

shown in preparing re-  
s property describe adequately such property for  
oses.

contained in the column headed "Information Needed"  
the form of a series of questions varying according to the  
ts covered by the table. The answers to these questions  
together constitute a description of the item being listed. Be-  
cause many materials, commodities, or products are of a similar  
nature or manufacture, it is possible to describe them by asking the  
same series of questions about them. Consequently, such similar  
items have been grouped together in a single table.

All the tables covering a major group of commodities have been  
assembled together in a section. The entire handbook is divided  
into 22 such sections as shown by the Section Index in the back of  
this volume. A volume may consist of only 1 section or may com-  
prise 2 or more.

On each page, the questions which are asked have been phrased in  
the manner and in terms applicable to the products they seek to  
describe and represent the usual trade or commercial descriptive data  
needed in cataloging or purchasing such commodities in normal busi-  
ness sales operations. This is the information Federal agencies must  
have to carry out transfers or sales of surplus property.

U. S. GOVERNMENT PRINTING OFFICE: 1944

---

Superintendent of Documents, U. S. Government Printing Office  
Washington 25, D. C. - Price 10 cents

# General Instructions for Using the Handbook Describing Surplus Property

## I. HOW TO USE THE HANDBOOK

1. In the back of each volume of the handbook is a general alphabetical index to the handbook sections. In this alphabetical index look for the item you are going to report, for example, "Steel bar." As the terms and names used in this over-all index are general rather than specific in nature specific items such as "Steel bar" are not likely to be found listed as such. Therefore, it will be necessary to refer to the major group name in which "Steel bar" would be included; in this case, "Steel and Steel basic shapes and forms" which the index shows as covered in Section I of the handbook.

2. Look in the alphabetical index of Section I to find the table covering "Steel bars" which will be found listed as "Bar", page 5. (When more than one table appears on a page, each table will be identified by a letter in addition to the page number, e. g. 19 (A), 19 (B), etc.) In the column headed "Information Needed" on page 5, of Section I, will be found the descriptive data necessary to properly inventory "Steel bar."

3. An example (fictitious, of course) is also shown of the manner in which the questions asked in the "Information Needed" column should be answered.

4. The proper unit to be used on the inventory report for reporting quantities has been established in the lower section of the table.

5. Thus, the description of "Steel bar" as written out in the inventory report in accordance with the standards established on page 5, would appear as follows:

"Steel bar, corrosion-resisting (12% chromium), annealed and cold-worked, round, 12 feet long, 1 1/4" diameter, in straight lengths, Fed. spec. QQ-S-763a, class 6, type C-----3.6 tons"

## II. IMPORTANT POINTS TO BE CONSIDERED

1. *Describe completely the product being reported.*—The information shown in the column head "Information Needed" is a guide to help you provide such a complete description. All questions listed should be answered insofar as they are applicable to the product being described. If some of the information shown as necessary cannot be obtained, it should be indicated in the report as "not available." For example, in reporting a lot of round wooden poles, the question is asked "if treated, state method and extent of treatment." If the record of the method of treatment is not available but it can be seen that the poles were treated full length, the report should read "treated, method not available, full length treatment." Failure to furnish all the information called for may reduce the disposal value of the item and may greatly increase the difficulties in disposing of it.

2. *Make all description details self-explanatory.*—Where the description includes numbers or other designations not intelligible in themselves, they must be identified by qualifying words or phrases. For example, you should say "Size 5" instead of just "5", or "12 ft. outside diameter," not just "12 ft."

3. *State clearly the unit used to report quantity.*—If a unit is shown as "Preferred" in the lower part of the table, it is intended that this unit should be used in preparing the inventory report. Units indicated as "Acceptable" may be used, but should be avoided because their use will require that the quantity be converted later to the units shown under "Preferred." If the unit used is "Packages" or similar expression, the piece count or other quantity contained in each package must be clearly indicated. For example, it would be acceptable to report "5,000 packages of 100 each," or "2,000 packages of 1 gross each," or "6,000 boxes of 12 one-pound cans each."

### III. SPECIAL INSTRUCTIONS FOR REPORTING

1. *Specifications.*—In many instances identification of the nature or composition of property is requested in terms of the specifications applicable, using the symbols or codes of systems established by engineering and technical societies, trade organizations, and Government agencies for such purposes. Where such specifications are called for, the answer should be the specification under which the item was originally purchased. The name of the organization issuing the specification and the complete identifying symbol should be given, including such prefixes or suffixes as may be required. For most specifications, the number of the specification alone does not completely identify the object. Frequently the symbol covers two or more grades, classes, or types, particularly in the case of alloys or metals, which should be separately identified. Similarly, when the specification permits any physical characteristics of the object to vary, such as temper, finish, type of edge, etc., that characteristic should be identified also.

2. *Dimensions.*—Frequently in the following pages it has been possible to indicate the specific dimensions needed to describe the object being reported; sometimes, however, it has been necessary to ask the question concerning dimensions in a much more general way, such as just "Dimensions." In such cases, those dimensions which are obviously applicable to the object being described, should be given. It is important, in reporting dimensions, to make certain that they are properly identified to indicate the dimension of the object they cover, such as "12 inch inside diameter," ".063 in. wall thickness," "14 ft. 3 in. over-all length," etc.

3. *Random lengths.*—Property being listed on inventory reports should be separated into lots wherein all factors such as dimensions, composition, etc., are identical. In the case of lengths, property should be separated into lots of the same lengths; where this is not feasible, pieces of varying lengths may be included in one lot. If this is done, the lot should be described as "Random lengths" and the length of the longest and shortest piece given, thus "Random lengths between 12'-0" and 6'-0"."

4. *Composite items.*—In describing objects which are composed of more than one major item mounted, attached or connected together, such as an electric motor and a blower, a gasoline engine and a compressor, a truck with special pumping equipment or a tractor with a scraper blade mounted on it, the composite should be listed as a unit in reporting. However, each major object of the composite should be described separately in the manner shown as required by the tables of the handbook covering those products. Descriptive phrases such as "mounted on," "equipped with," "attached to," "connected to" should be used to indicate the composite nature of the item being reported. For example, in the case of an electrically operated blower, the blower should be described in the detail called for by the suitable handbook page, followed by the statement "direct connected to . . ." and continue with the proper description of the motor. If the combined unit is mounted on a cast iron base, for example, the description should continue "mounted on . . ." and indicate the type of base.

5. *Condition.*—Condition of the item being described has not been covered by this handbook. The condition must be taken into consideration, however, and the method of indicating it on a report should be by using the code provided in Regulation No. 1 issued by the Surplus War Property Administration and such other regulations as may be issued in connection with it.

TABLE OF CONTENTS

	Page
Alphabetical Index to Section I.....	2
Mill and Refinery Basic Shapes and Forms.....	4
Mill Products in Primary Form.....	5
Standard Designation of Flat-Rolled Steel Products.....	6
Standard Designation of Flat-Rolled and Flat-Drawn Nonferrous Products.....	7
Standard Designation of Products other than Flat.....	8
Solder and Welding Rod.....	9
Anodes for Plating.....	9
Structural Shapes (Unfabricated), Piling, Rails and Reinforcing Bars.....	10
Railroad Track Accessories.....	10
Fabricated Structural and Architectural Metal Products.....	11
Storage Tanks, Large Pipe, etc.....	12
Stamped, Pressed, and Perforated Metal Basic Products.....	12
Castings and Forgings (not machined).....	13
Ammunition Shapes.....	13
Wire and Cable: Electrical Conductivity.....	14
Wire Rope and Cable: Not Electrical Conductivity.....	14
Woven and Welded Wire Products.....	15
Chain.....	15
Pipe Fittings (not including Valves).....	16
Sheet Metal Building Products.....	16
Power Boilers.....	17
Flexible Metallic Tubing.....	18
Metal Powder.....	18
Nails, Screws, Cotter Pins, Turnbuckles, etc.....	19
Springs (not including Assembled Springs).....	19
Basic Hardware.....	20
Miscellaneous Fabricated Metal Basic Products.....	20
Alphabetical Index to Section II.....	21
Logs and Bolts.....	22
Round and Hewn Timber (except Railroad Ties).....	22
Railroad Cross and Switch Ties.....	23
Lumber.....	24
Small Dimension Stock, Lath, Shingles.....	24
Worked Lumber (except Molding).....	25
Moldings.....	25
Plywood and Veneer.....	26
Wood Blocks and Blanks.....	26
Millwork.....	27
Miscellaneous Wood Basic Products.....	28
Fabricated Cooperage Stock: Box and Crate Shook.....	28
Containers and Baskets.....	29
Prefabricated Houses, Nonassembled.....	30
Industrial, Marine, Agricultural Wood Products.....	31
Miscellaneous Wood Finished Products.....	31
Raw Cork.....	32
Cork Basic Materials and Products.....	32
General Index to Handbook Sections.....	33

# METALS AND METAL BASIC PRODUCTS

## ALPHABETICAL INDEX TO SECTION I

	Page		Page
Abrasives: steel	20(B)	Doors	11
Aircraft body sections	12(B)	Door frames	11
Aircraft hardware	20(A)	Dowels	19(A)
Aluminum—see form of product		Downspouts	16(B)
Ammunition shapes	13(B)	Dress steels	20(B)
Angles	10(A)	Elbows: pipe fittings	16(A)
Anodes: plating	9(B)	Electric metallic tubing	5
Anodes: refinery	4	Electrodes: welding	9(A)
Architectural metal work: ornamental	11	Expanded metal	10(B)
Armored cable	14(A)	Extruded molding and trim	11
Armored wire	14(A)	Extruded shapes	5
Atomized powder	18(B)	Eyelets	19(A)
Automatic screw machine products	19(A)	Fabricated pipe	11
Automotive vehicle body sections	12(B)	Fabricated structural metal products	11
Axles and wheels: locomotive and railway car	13(A)	Fence: wire	15(A)
Bare cable: electric	14(A)	Fence posts	20(B)
Bar solder	9(A)	Fences and gates: except wire	11
Bars	5	Fencing and gates: wire	15(A)
Bars: reinforcing	10(A)	Ferro and nonferrous additive alloys	4
Bars: wedge	4	Filter wire cloth	15(A)
Bearing piles	10(A)	Fire escapes	11
Billets	4	Fittings: pipe	16(A)
Blanks	13(B)	Fittings: wire rope	20(A)
Blooms	4	Flakes	18(B)
Body sections: aircraft	12(B)	Flanged heads	20(B)
Body sections: automotive vehicle	12(B)	Flexible metallic conduit, tubing and hose	18(A)
Body sections: combat motor vehicle	12(B)	Flooring	11
Body sections: railway and street car	12(B)	Foil	5
Boilers: power: land	17	Forging stock	13(A)
Boilers: power: marine	17	Forgings	16(B)
Bolts: railroad track	10(B)	Formed molding and trim	11
Bolts: not railroad track	19(A)	Frames: door and window	11
Brazed pipe: S. P. S.	5	Frogs: RR track accessories	10(B)
Brazed pipe: other than S. P. S.	12(A)	Furniture hardware	20(A)
Brazing rod	9(A)	Glass substitute: wire reinforced	16(A)
Brazing solder	9(A)	Granular ingot	4
Brazing wire	9(A)	Granulated powder: except "shot"	18(B)
Bridge steel: fabricated	11	Gratings, tread, and flooring	11
Builders' hardware	20(A)	Grilles	11
Building products: sheet metal	16(B)	Grommets	19(A)
Building sections: portable: knocked down	11	Gutters	16(B)
Building steel: fabricated	11	H-beams	10(A)
Bullion	4	Hardware: aircraft	20(A)
Cable: armored	14(A)	Hardware: basic	20(A)
Cable: bare: electric	14(A)	Hardware: builders'	20(A)
Cable: insulated	14(A)	Hardware: casket	20(A)
Cable: wire rope	14(B)	Hardware: furniture	20(A)
Cakes	4	Hardware: luggage and trunk	20(A)
Casket hardware	20(A)	Hardware: rigging	20(A)
Castings	13(A)	Hardware: motor vehicle	20(A)
Cast iron pipe	13(A)	Hardware: railroad	20(A)
Cathodes	4	Hardware: cloth	15(A)
Chain	15(B)	Helical springs	19(B)
Channels	10(A)	Hollow ingot	4
Chromium group additive alloys	4	Hose: flexible metallic	18(A)
Coils and strips: wire rope	20(A)	I-beams	10(A)
Cloth: filter: wire	15(A)	Ingot	4
Cloth: hardware	15(A)	Ingot bars	4
Cloth: paper machine	15(A)	Insect screening	15(A)
Cloth: sieve	15(A)	Insulated cable	14(A)
Coil springs: not assembled	19(B)	Insulated wire	14(A)
Combat motor vehicle body sections	12(B)	Joint bars: RR track accessories	10(B)
Concrete reinforcement bars	10(A)	Joists	11
Concrete reinforcement mesh	15(A)	Keys: shafting	19(A)
Conduit: flexible metallic	18(A)	Lath	16(B)
Conduit: rigid	5	Leader heads	16(B)
Copper—see form of product		Leaf	5
Copper group additive alloys	4	Leaf springs: not assembled	19(B)
Cord: wire	14(B)	Lock joint pipe	12(A)
Corrugated pipe	12(A)	Lock nuts	19(A)
Corset and dress steels	20(B)	Locomotive wheels and axles	13(A)
Cotter pins	19(A)	Louvres	18(B)
Couplings: pipe fittings	16(A)	Luggage and trunk hardware	20(A)
Crossings: railroad track accessories	10(B)	Machinery sections: stamped, pressed, per- forated	12(B)
Cross tie sections: railroad	10(B)	Manganese group additive alloys	4
Cups: ammunition shapes	13(B)	Marine boilers	17
Out nails	19(A)	Mercury	4
Die castings	13(A)	Mesh: concrete reinforcement	15(A)
Discs	13(B)	Mesh: woven wire	15(A)
Dished and flanged heads	20(B)		

	Page		Page
Metal products: structural: fabricated	11	Spikes: RR track	10(B)
Metal work: ornamental: architectural	11	Spikes: other than RR track	19(A)
Metallic packing	20(B)	Sponge metal	4
Molding and trim: extruded	11	Springs: helical	19(B)
Molding and trim: formed	16(B)	Springs: leaf: not assembled	19(B)
Molybdenum group additive alloys	4	Springs: wire	19(B)
Motor vehicle hardware	20(A)	Stack plates and shapes: not assembled	11
Muffs	4	Stair treads	11
Nails: wire, cut	19(A)	Stairs, stair cases, and fire escapes	11
Nonferrous additive alloys	4	Stampings	12(B)
Notchbar	4	Staples	19(A)
Nuggets	4	Steel—see form of product	—
Nuts	19(A)	Steel abrasives	20(B)
Ornamental architectural metal work	11	Storage tanks	12(A)
Packing: metallic	20(B)	Strand: wire rope and cable	14(B)
Paper machine cloth	15(A)	Stranded wire: electric	14(A)
Perforated sheets and strip	12(B)	Strapping	20(B)
Pig	4	Street railway rails	10(A)
Piles: bearing	10(A)	Strip	5
Piling: sheet	10(A)	Strip: perforated	12(B)
Pipe: brazed: S. P. S.	5	Structural metal products: fabricated	11
Pipe: brazed: other than S. P. S.	12(A)	Structural shapes: unfabricated	10(A)
Pipe: cast iron	13(A)	Subway grating	11
Pipe: corrugated	12(A)	Switches: RR track	10(B)
Pipe: fabricated	11	T-bars	10(A)
Pipe: lock joint	12(A)	Tacks	19(A)
Pipe: riveted	12(A)	Tanks: processing	12(A)
Pipe: seamless	5	Tanks: rubber lined	12(A)
Pipe: sheet metal	12(A)	Tanks: storage	12(A)
Pipe: S. P. S., or I. P. S.	5	Tanks: truck	12(A)
Pipe: welded: other than I. P. S.	12(A)	Tees: pipe fittings	16(A)
Pipe fittings	16(A)	Terne plate	5
Plate	5	Thimbles: rope fittings	20(A)
Plating anodes	9(B)	Tie plates	10(B)
Portable building sections: knocked down	11	Tin plate	5
Powder: atomized	18(B)	Toggle bolts	19(A)
Powder: luke	18(B)	Tower plates and shapes: not assembled	11
Powder: granulated: except "shot"	18(B)	Track accessories: railroad	10(B)
Powdered metal	18(B)	Treads: stair	11
Power boilers: marine, land	17	Trunk hardware	20(A)
Processing tanks	12(A)	Tube: seamless	5
Railroad hardware	20(A)	Tube: welded	12(A)
Railroad rail joint bars	10(B)	Tube rounds, pierced billets	4
Railroad rails	10(A)	Tubing: electric metallic	5
Railroad spikes	10(B)	Tubing: flexible metallic	18(A)
Railroad track accessories	10(B)	Tungsten group additive alloys	4
Rails: street railway	10(A)	Turnbuckles	19(A)
Railway and street car body sections	12(B)	Unions: pipe fittings	16(A)
Railway car wheels and axles	13(A)	Vanadium group additive alloys	4
Refinery anodes	4	Ventilators	16(B)
Reinforcing bars and rods: not fabricated	10(A)	Washers	19(A)
Reinforcing bars and rods: fabricated	11	Weatherstrip	10(B)
Ribbon	5	Wedge bars	4
Rigging hardware	20(A)	Wedge cakes	4
Rigid conduit	5	Welded pipe: S. P. S., or I. P. S.	5
Riveted pipe	12(A)	Welded pipe: other than I. P. S.	12(A)
Rivets	19(A)	Welded tube	12(A)
Rod: brazing	9(A)	Welded wire products	15(A)
Rod: welding	9(A)	Welding electrodes	9(A)
Rods	5	Welding rods	9(A)
Rods: reinforcing	10(A)	Welding wire	9(A)
Roofing and siding	16(B)	Wheels and axles: locomotive and railway cars	13(A)
Rotating band blanks	13(B)	Window frames	11
Rubber lined tanks	12(A)	Wire: armored	14(A)
Sash	11	Wire: bare: electric	14(A)
Screening: insect	15(A)	Wire: brazing	9(A)
Screw machine (automatic) products	19(A)	Wire: insulated	14(A)
Screws	19(A)	Wire: not insulated or electrical	5
Seamless tube and pipe	5	Wire: stranded: electric	14(A)
Shafting keys	19(A)	Wire: stranded: not electric	14(B)
Shavings	18(B)	Wire bars	4
Sheet bars	4	Wire cable: electric	14(A)
Sheet metal building products	16(B)	Wire cable: not electric	14(B)
Sheet metal pipe	12(A)	Wire cloth: filter	15(A)
Sheet piling	10(A)	Wire cord	14(B)
Sheets	5	Wire fencing	15(A)
Sheets: perforated	12(B)	Wire mesh: concrete reinforcement	15(A)
Shell bands	13(B)	Wire mesh: woven	15(A)
Ship sections	11	Wire nails	19(A)
Shot	4	Wire rods	4
Shutters	11	Wire rope	14(B)
Siding	16(B)	Wire rope fittings	20(A)
Sieve cloth	15(A)	Wire solder	9(A)
Silicon group additive alloys	4	Wire spikes	19(A)
Skelp	4	Wire springs	19(B)
Slabs	4	Woven wire products	15(A)
Slugs	13(B)	Z-bars	19(A)
Solder	9(A)		

# GENERAL INDEX TO HANDBOOK SECTIONS

	S. C. C.	Section S. C. C.	
Abrasive products: Natural and synthetic.....	37	Clay products: Structural.....	V 26
Abrasives: Natural.....	09	Clocks.....	XIX 75
Agricultural machinery and implements.....	35	Clothing, except footwear.....	III 67
Agricultural implement parts: Wooden.....	76	Coal.....	VIII 07
Air-conditioning units and systems.....	X	Coal products.....	VIII 18
Aircraft and aircraft components.....	XIII 42	Coin-operated machines.....	IX 39
Aircraft instruments: Engine and flight.....	XIX 57	Coke.....	VIII 18
Alarm systems.....	XI 19	Combustion controls.....	XIX 57
Alkalies.....	IV 24	Communication equipment.....	XI 41
Aluminum and aluminum basic shapes.....	I	Compressors.....	IX 31
Ammunition components: Common.....	XX 87	Concrete products: Structural.....	V 26
Ammunition loading machinery.....	IX 33	Confectionery.....	XXII 61
Ammunition: Pyrotechnic.....	XX 86	Construction machinery.....	IX 36
Ammunition shapes: Nonferrous metal.....	I	Containers: Glass.....	V 77
Ammunition shapes: Steel.....	I	Containers: Metal.....	XXI 75
Ammunition: Small arms.....	XX 83	Containers: Paper and paperboard.....	VI 72
Animal products: Edible: Crude.....	XXII 02	Control devices: Electronic, except radio and radar.....	IX 82
Animal products: Inedible: Crude.....	III 03	Controlling instruments.....	XIX 57
Antenna equipment: Electronic.....	XI 41	Conveyors.....	IX 31
Apparel, except footwear.....	III 67	Cooking and heating equipment: Non-electric.....	X 51
Asbestos products.....	V 27	Cooperage.....	II 76
Asphalt products: Structural.....	26	Copper and copper basic shapes.....	I 24
Athletic goods, except uniforms.....	XXI 79	Cordage.....	III 15
Automobile service station equipment.....	IX 45	Cork basic materials.....	II 29
Automobiles.....	XV 69	Cork: Crude.....	II 08
Bags: Burlap, jute, textile.....	III 72	Cork products.....	II 79
Bags: Paper.....	VI 31	Cosmetics.....	IV 66
Bakery ovens.....	IX 61	Cotton: Raw.....	III 06
Bakery products.....	XXII 58	Cranes.....	IX 31
Baking ovens, except bakery ovens.....	IX 42	Crates: Wooden.....	II 76
Balances and weights, laboratory.....	XIX 05	Cream separators: Farm dairy type.....	IX 35
Balloons.....	XIII 45	Crucible furnaces: Industrial.....	IX 33
Balsams: Crude.....	IV 05	Crushing machinery.....	IX 31
Barber shop equipment.....	IX 59	Cupola furnaces.....	IX 33
Barometers.....	XIX 76	Cutlery.....	XXI 75
Baskets: Wooden and fiber.....	II 32	Dairy and milk products plant machinery.....	IX 39
Batteries.....	IX 75	Dairy farm machinery.....	IX 35
Bearings.....	IX 76	Dairy products.....	XXII 61
Bearings: Jewel.....	XXI 59	Dehydrators: Industrial.....	IX 31
Bearings: Wooden.....	II 62	Dental instruments.....	XIX 58
Beauty shop and barber shop equipment.....	IX 69	Dental supplies.....	XIX 79
Bedding, except mattresses.....	III 63	Dentifrices.....	IV 66
Beer dispensing equipment.....	X 49	Derricks.....	IX 31
Beverages.....	XXII 65	Display cases: Refrigerated.....	X 52
Bicycles.....	XV 33	Drawing instruments.....	XIX 58
Biological products: Medicinal.....	IV 33	Drawing machines: Wire.....	IX 34
Blast furnaces.....	IX 19	Dredging machinery.....	IX 36
Bleaching compounds.....	IV 31	Driers: Thermal industrial.....	IX 31
Blowers: Industrial.....	IX 25	Drugs.....	IV 65
Boilers: Cast iron and steel.....	X 51	Dry cleaning machinery.....	IX 39
Boilers: Power.....	I 72	Dyes and dyestuffs.....	IV 19
Books.....	VI 13	Earthenware: Fine.....	V 77
Boot and shoe cut stock.....	III 36	Elastomers: Synthetic.....	VII 19
Boring and drilling machinery: Earth and rock.....	IX 89	Electric appliances.....	IX 32
Boxes: Ammunition.....	XX 76	Electric lamps.....	X 32
Boxes: Paperboard.....	VI 72	Electric ranges and ovens.....	IX 32
Boxes: Wooden.....	II 33	Electric water heaters.....	IX 32
Brewery machinery.....	IX 79	Electrical laboratory instruments.....	XIX 57
Brooms.....	III 79	Electrical machinery and apparatus.....	IX 32
Brushes.....	III 14	Electronic control devices, except radio and radar.....	IX 32
Building board.....	VI 79	Electronic devices.....	XI 41
Burial equipment.....	XIX 51	Electronic equipment components.....	XI 41
Burners: Oil or gas.....	X 45	Electroplating equipment.....	IX 34
Buses.....	XV 79	Elevators.....	IX 31
Buttons.....	III 25	Embroideries.....	III 69
Cable: Insulated.....	I 55	Engineering instruments and apparatus.....	XIX 58
Cameras.....	XVIII 79	Engines.....	IX 31
Candles.....	XXI 61	Engines: Aircraft.....	XIII 42
Canned food products.....	XXII 33	Engines: Motor vehicle.....	XV 45
Canning plant machinery.....	IX 72	Envelopes.....	VI 72
Cans: fiber.....	VI 75	Equipment and machinery: General industrial.....	IX 31
Cans: metal.....	XXI 69	Excavating machinery.....	IX 36
Canvas products.....	III 41	Explosives.....	IV 19
Capacitors (condensers): electronic, ceramic, electrolytic, mica, paper, etc.....	XI 44	Fabrics: Waterproof.....	III 15
Cars: rail, including mine.....	XII 39	Fan and blower equipment: Industrial.....	IX 31
Cash registers.....	IX 26	Fans: Electric.....	IX 32
Cement.....	V 33	Fats: Animal and vegetable.....	IV 17
Ceramic industries machinery.....	IX 33	Feathers and downs: Crude.....	III 03
Cereal manufacturing machinery.....	IX 61	Feathers and downs: Processed.....	III 29
Cereals: Prepared.....	XXII 19	Feed: Manufactured.....	XXII 62
Charcoal.....	IV 66	Ferro and nonferrous additive alloys.....	I 23
Chemical preparations: Household.....	IV 19	Fertilizers.....	IV 19
Chemicals.....	IV 65	Fibers: Animal and vegetable, unmanufactured.....	III 06
Chemicals: Medicinal.....	V 77	Fibers: Synthetic.....	III 19
Chinaware.....	IX 33	Files: Hand.....	XXI 75
Cigar machines.....	IX 23	Film: Photographic.....	XVIII 55
Cigarette machines.....	IX 64	Filters: Industrial.....	IX 31
Cigarettes.....	XXII 64		
Cigars.....	XXII		



Section S. C. C.	
Fire control equipment (ordnance).....	XX 88
Fire extinguishers and miscellaneous fire fighting equipment.....	IX 59
Fire fighting equipment—motorized.....	XV 45
Fireworks.....	XXI 79
Fish: Prepared.....	XXII 61
Fishing craft.....	XIV 43
Flares (ordnance).....	XX 86
Flavor materials.....	IV 19
Flight equipment for personnel.....	XIII 42
Floor coverings: Textile.....	III 69
Floor surfacing machines.....	IX 33
Flour.....	XXII 16
Food and beverage materials: Basic.....	XXII 16
Food: Manufactured.....	XXII 61
Food products machinery.....	IX 33
Footwear.....	III 68
Forging machinery.....	IX 34
Foundry equipment.....	IX 33
Fruit juices.....	XXII 61
Fruits: Canned, dried, frozen.....	XXII 61
Fungicides.....	IV 19
Fur goods.....	III 67
Furnaces: Heat treating.....	IX 34
Furnaces: Metal heating.....	IX 34
Furnaces: Metallurgical and metal melting.....	IX 33
Furniture, except office.....	XVII 54
Furniture: Office.....	XVI 54
Furs: Dressed and dyed.....	III 29
Games.....	XXI 79
Garments: Waterproof.....	III 67
Gases: Elemental.....	IV 19
Gases: Petroleum, hydrocarbon.....	VIII 18
Gasoline.....	VIII 18
Gem and ornamental stones: Imitation.....	V 29
Gem and ornamental stones.....	V 27
Gem stones: Crude.....	V 09
Generators: Electric current.....	IX 32
Glass end products.....	V 77
Glass industries machinery.....	IX 33
Glass products: Nonstructural.....	V 27
Glass products: Structural.....	V 26
Gliders: Aircraft.....	XIII 42
Gloves and mittens.....	III 67
Glue.....	IV 19
Grains and cereals: Crude.....	XXII 64
Graphite products.....	V 27
Grasses: Lubricating.....	VIII 18
Grinding machinery and equipment.....	IX 34
Gums: Crude.....	IV 05
Gypsum products: Structural.....	V 26
Hair manufactures.....	XXI 79
Hand tools: Nonpowered.....	XXI 75
Hardware: Basic.....	I 25
Hardware: General line.....	XXI 75
Hat and cap materials.....	III 15
Headwear.....	III 67
Heat exchangers: Industrial.....	IX 31
Heat exchangers: Refrigeration and air-conditioning.....	X 52
Heating equipment: Electric.....	IX 32
Heating equipment: Nonelectric.....	X 51
Hides.....	III 03
Hoists.....	IX 31
Hosiery.....	III 67
Hospital utensils.....	XIX 75
House furnishings.....	III 69
Ice making plant systems.....	X 52
Identification badges, except textile and paper.....	XXI 79
Incinerators: Industrial and domestic.....	X 51
Insecticides.....	IV 19
Instruments: Indicating, recording, controlling.....	XIX 57
Instruments and apparatus: Scientific and professional, except indicating, recording, controlling.....	XIX 58
Insulation: Thermal.....	V 26
Iron.....	I 21
Jewelry.....	XXI 79
Kerosene.....	VIII 18
Kilns: Ceramic.....	IX 33
Kitchen articles: Glass.....	V 77
Knitting machines.....	IX 33
Laboratory instruments: Electrical.....	XIX 57
Laboratory instruments and apparatus, except electrical.....	XIX 58
Lace articles.....	III 69
Lacquers.....	IV 19
Laundry machinery.....	IX 30
Lead and lead basic shapes and forms.....	I 24
Leather.....	III 11
Leather products.....	III 71
Leather-working machinery.....	IX 33

Section S. C. C.	
Lenses: Camera and projection.....	XVIII 55
Lenses: Light and signal.....	V 27
Lenses: Ophthalmic.....	XVIII 79
Lenses: Optical, except ophthalmic, photographic, and projection.....	XVIII 56
Light bulbs and tubes.....	X 32
Lighting fixtures.....	X 53
Liquors.....	IV 65
Locomotives.....	XII 44
Logs and bolts.....	II 13
Looms.....	IX 33
Lubricating equipment.....	IX 31
Luggage.....	III 79
Lumber.....	II 13
Machine tools.....	IX 34
Machinery: General industrial.....	IX 31
Machines: Office.....	XVI 38
Magnesium and magnesium basic shapes.....	I 24
Marine facility equipment.....	XIV 43
Marine propulsion machinery.....	XIV 43
Matches.....	XXI 79
Mattresses.....	XVII 54
Meat products.....	XXII 61
Medical instruments.....	XIX 58
Medical supplies.....	XIX 79
Medicines.....	IV 65
Metal-forming machines.....	IX 34
Metal products: Stamped and pressed.....	I 25
Metal-spraying equipment.....	IX 34
Metals: Nonferrous: Basic shapes.....	I 24
Metals: Precious.....	I 24
Meters.....	XIX 57
Mica.....	V 27
Military insignia, except textile.....	XXI 79
Milking machines.....	IX 35
Millwork.....	II 13
Mineral products: Nonmetallic: Ground or sized.....	V 27
Mineral wool.....	V 26
Minerals: Nonmetallic: Crude.....	V 09
Mining machinery.....	IX 36
Mixing machinery: Industrial.....	IX 31
Monel metal and monel metal basic shapes and forms.....	I 24
Morticians' goods.....	XIX 79
Motion picture projection equipment.....	XVIII 55
Motion pictures: Exposed and developed.....	XVIII 55
Motor starters and controllers.....	IX 32
Motor vehicle testing and servicing equipment.....	IX 33
Motor vehicles.....	XV 45
Motorcycles.....	XV 45
Motors: Electric.....	IX 32
Musical instruments.....	XXI 79
Nails: Wire.....	I 25
Navigation instruments: Nautical.....	XIX 57
Netting.....	III 15
Nickel and nickel basic shapes.....	I 24
Notions: Metal.....	III 75
Office furniture.....	XVI 54
Office machines.....	XVI 38
Office supplies.....	XVI 79
Oils: Animal, vegetable, marine animal.....	IV 17
Oils: Fuel and lubricating.....	VIII 18
Oilseeds.....	XXII 05
Ophthalmic goods.....	XVIII 79
Optical instruments.....	XVIII 56
Ore-dressing machinery.....	IX 36
Orthopedic appliances.....	XIX 79
Ovens.....	IX 33
Ovens: Baking, except bakery.....	IX 31
Packaging machines.....	IX 39
Packing-house machinery.....	IX 33
Paints.....	IV 19
Paper.....	VI 14
Paper mill machinery.....	IX 33
Paper products: Converted.....	VI 72
Parachutes.....	XIII 42
Perfume materials.....	IV 19
Perfumes.....	IV 68
Petroleum: Crude.....	VIII 07
Petroleum products.....	VIII 18
Pharmaceuticals.....	IV 65
Phonographs.....	XXI 79
Photographic goods and equipment.....	XVIII 55
Pigments.....	IV 19
Plastic end products.....	XXI 79
Plastic fabricated components.....	XXI 29
Plastics materials.....	XXI 19
Plated ware: Metal.....	XXI 76
Playground equipment.....	XXI 59
Plumbing equipment.....	X 51
Plywood.....	II 13
Pottery end products.....	V 77

Section S. C. C.		Section S. C. C.	
Pottery products—nonstructural.....	V 27	Stokers.....	X 51
Pottery products—structural.....	V 26	Stone basic products: Structural.....	V 28
Poultry farm equipment.....	IX 35	Stone products: Natural.....	V 77
Powder: Cosmetic.....	IV 66	Stone-quarrying machines.....	IX 36
Power transmission equipment: Me- chanical, industrial.....	IX 31	Store fixtures.....	XVII 54
Power transmission equipment: Pri- mary electric.....	IX 32	Stoves: Nonelectric.....	X 51
Presses: Molding.....	IX 31	Stoves and ranges: Electric.....	IX 32
Presses: Hydraulic and mechanical.....	IX 34	Sugar: Raw.....	XXII 16
Printing-trades machinery.....	IX 33	Sugar: Refined.....	XXII 61
Projectors: Motion picture.....	XVIII 65	Surgical instruments.....	XIX 58
Propellers: Aircraft.....	XIII 42	Surgical supplies.....	XIX 79
Propellers: Ship.....	XIV 43	Surveying instruments.....	XIX 58
Public address equipment: Sound.....	XI 41	Tableware: Glass.....	V 77
Pulp mill machinery.....	IX 33	Tanks: Storage.....	I 25
Pulp products: Molded.....	VI 14	Tanks: Water storage, domestic.....	X 51
Pulpwood.....	VI 14	Tanning extracts and materials.....	IV 19
Pumps: General purpose industrial.....	IX 31	Telegraph equipment.....	XI 41
Punching machines: Metal.....	IX 34	Telephone equipment.....	XI 41
Radar equipment.....	XI 41	Temperature instruments and regulators.....	XIX 57
Radio and radar test equipment.....	XIX 57	Testing machines: Metal.....	IX 34
Radio equipment.....	XI 41	Textile basic manufactures.....	III 15
Railroad construction equipment.....	XII 38	Textile industry machinery.....	IX 33
Railroad transportation equipment.....	XII 44	Textile products: Fabricated, except apparel.....	III 69
Railway cars.....	XII 44	Thermocouples.....	XIX 57
Ranges: Electric.....	IX 32	Thermometers.....	XIX 57
Ranges: Nonelectric.....	X 51	Tin and tin basic shapes and forms.....	I 24
Razors: Electric.....	IX 32	Fire-repairing machinery.....	IX 33
Razors: Except electric.....	XXI 75	Tires: Rubber.....	VII 74
Recording apparatus: Sound communi- cation equipment.....	XI 41	Tobacco manufactures.....	XXII 64
Recording instruments.....	XIX 57	Tolletrics.....	IV 66
Recreation equipment.....	XXI 75	Toolroom specialties.....	IX 34
Rectifiers: Nonrotating.....	IX 32	Tools: Cutting and forming.....	IX 34
Refractories.....	V 27	Tools: Edge.....	XXI 75
Refrigerants.....	IV 19	Tools: Hand.....	XXI 75
Refrigeration components and acces- sories.....	X 52	Tools: Portable, power-driven.....	IX 34
Refrigeration equipment.....	X 52	Toys.....	XXI 79
Regulators: Aircraft: Hydraulic pressure, oil temperature.....	XIII 42	Tractors.....	XV 37
Regulators: Generator (internal com- bustion engine).....	IX 32	Tractors: Industrial.....	IX 31
Regulators: Temperature, pressure.....	XIX 57	Trailers and trailer bodies.....	XV 45
Resins: Crude.....	IV 05	Transformers, except electronic.....	IX 32
Resins: Synthetic.....	IV 19	Transformers: Radio and radar & non- power electronic application.....	XI 41
Rifles.....	XX 81	Transportation equipment: Railroad.....	XII 44
Riveting machines.....	IX 34	Truck-tractors.....	XV 45
Rolling mill machinery.....	IX 34	Trucks and truck bodies.....	XV 45
Rosin.....	IV 19	Trucks: Industrial.....	IX 31
Rubber chemicals.....	IV 19	Tubes: Electronic (receiving, trans- mitting, cathode ray, X-ray).....	XI 41
Rubber: Crude.....	VII 03	Tubes: Inner.....	VII 74
Rubber fabricated materials.....	VII 29	Turbines, except marine main steam.....	IX 31
Rubber footwear.....	VII 08	Turbines: Marine main steam.....	XIV 43
Rubber goods: Mechanical.....	VII 74	Turpentine.....	III 15
Rubber end products, except footwear and clothing.....	VII 74	Twine.....	III 15
Rubber: Reclaimed.....	VII 29	Typewriters.....	XVI 38
Rubber: Synthetic.....	VII 08	Umbrellas.....	III 79
Rubber-working machinery.....	VII 74	Underwear.....	III 67
Saddlery.....	III 71	Utensils: Hospital.....	XIX 75
Safes.....	XVIII 54	Utensils: Kitchen.....	XXI 75
Safety clothing and footwear.....	III 59	Vacuum cleaners.....	IX 32
Safety equipment: Personal.....	IX 59	Valves: Aircraft.....	IX 42
Safety equipment: Water.....	XXI 59	Valves: Balanced lever.....	IX 57
Sanitary ware: Plumbing fixtures.....	X 51	Valves: Boiler safety.....	IX 51
Sawblades: Power.....	IX 34	Valves: Control, except voltage.....	IX 57
Saws and sawblades: Hand.....	XXI 75	Valves: (Except aircraft, control, and plumbing) gate, globe, plug, etc.....	IX 31
Seals: Weighing, except laboratory.....	IX 39	Valves: Flush.....	IX 51
Screw machine (automatic) products.....	I 25	Valves: Radiator.....	IX 57
Seeds: Field, vegetable, flower, etc.....	XXII 05	Valves: Reducing.....	IX 57
Sewage disposal equipment.....	IX 59	Valves: Sprinkler system.....	IX 19
Sewing machines: Household.....	IX 39	Varnishes.....	IV 13
Sewing machines: Industrial.....	IX 33	Veneer.....	IV 43
Shaving preparations.....	IV 66	Vessels: Naval.....	XIV 75
Shoaring machines: Metal.....	IX 34	Watches.....	XIX 48
Ships and ship equipment.....	XIV 43	Water craft: Small.....	XIV 48
Shoe manufacturing machinery.....	IX 33	Water heaters: Electric.....	IX 32
Skin equipment.....	IX 50	Water heaters: Nonelectric.....	X 51
Silk: Raw.....	XI 06	Water purification equipment.....	IX 59
Silverware.....	XI 06	Waxes: Animal and vegetable.....	IV 17
Skins, including undressed fur skins.....	III 03	Waxes: Petroleum.....	VIII 18
Small arms.....	XX 81	Welding machinery and equipment, ex- cept welding rod.....	IX 34
Smokers' articles and accessories.....	XXI 79	Welding rod and wire.....	IX 34
Soap.....	IV 69	Wines.....	XXII 63
Sound equipment: Electronic, commu- nication.....	XI 41	Wire and cable: Insulated.....	I 25
Spices and spice seeds: Unground.....	XXII 04	Wire basic products: Woven or welded.....	IX 34
Spices: Ground.....	XXII 61	Wire forming machines.....	IX 32
Sporting goods.....	XXI 79	Wiring devices: Electric.....	II 13
Stationers' supplies.....	XVI 79	Wood basic materials.....	II 13
Stationery.....	VI 72	Wood products: Finished, except furni- ture and millwork.....	VI 14
Steel and steel basic shapes and forms.....	I 22	Wood pulp.....	VI 14
Steel: Fabricated structural.....	I 25	Woodworking machinery.....	IX 33
		Wool: Unmanufactured.....	III 06
		X-ray apparatus.....	XIX 58
		Zinc and zinc basic shapes and forms.....	I 24