### **U. S. DEPARTMENT OF COMMERCE**

NATIONAL BUREAU OF STANDARDS

WASHINGTON 25

#### SIMPLIFIED PRACTICE RECOMMENDATIONS

Alphabetical List Revised to July 1, 1946

Simplified Practice means reduction of excessive variety of manufactured products, or of methods. Simplified Practice Recommendations are records of stock items retained after superfluous variety has been eliminated. These recommendations are developed by voluntary cooperation among manufacturers, distributors, consumers, and other interests, upon the initiative of any of these groups, through a regular procedure of the National Bureau of Standards established for that purpose.<sup>1</sup>

With certain exceptions<sup>2</sup> current recommendations are available in printed form for 5 cents per copy, unless otherwise indicated. When ordering give number and title of the publication, as, for example, "R107-31, Glassine Bags."

A discount of 25 percent will be allowed on orders for 100 or more copies.

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<sup>1</sup>The procedure is explained in detail in Simplified Practice, Its Purpose and Application, Letter Circular LC-590, April 15, 1940, Division of Simplified Practice, National Bureau of Standards.

<sup>2</sup>Numbers indicated by an asterisk (\*) are available, at present, only in mimeographed form. They can be obtained, free of charge, from the Division of Simplified Practice, National Bureau of Standards, Washington 25, D. C.

EWE: HC

Title	S.P.R. No.	Title	S.P.R. No.
Abrasive grain; sizes of	R118-45	Boxes, folding, stock; (for)	
Abrasive products, coated $10\phi$ .	89-46	millinery	H173-38
Aggregates, coarse (crushed stone,	167 70	Boxes, folding, one-pound; for	0. 70
gravel and slag)	163-39	coffee	64-30
Air compressors for automotive service	000 117	Boxes, paper, for toiletries and	
stations and garages	202-43	cosmetics	200-43
Asbestos paper; & asbestos millboard	19-37	Boxes, set-up, paper, (for department	200 102
Asphalt	4-36	and specialty store use)	126-41
Asphalt roll roofing and asphalt- and	017.115	Boxes, wooden, for canned fruits and	
tar-saturated-felt products	213-45	vegetables	171-38
Automatic regulating valves	219-46	Brass or bronze valves, (gate, globe,	3 44 14
Axes, forged	*158-42	angle, and check)	183-46
Dava alexadar	107 71	Brick, common, and rough and smooth	_
Bags, glassine	107-31	face brick.	1-40
Bags, paper, grocers <sup>1</sup>	42-43	Brick, paving, vitrified	
Bags, paper, notion and millinery	1	Brick, sand-lime Bronze or brass valves, (gate, globe,	38-37
(for department and specialty store	300 113		183-46
use)	129-41	angle, and check	10)-40
Band saws, metal cutting; hard edge,	214-45	Bronze pop safety valves, and bronze,	204-44
flexible back Bank checks, notes, drafts, and	214-47	iron and steel relief valves Brushes, calcimine; block sizes for	
similar instruments	50		121-31
Barrels and drums, steel	50 20-28	Brushes, carbon, graphite, and metal- graphite; and brush shunts	*56-35
Bars. steel, and bar-sized	20-20	Brushes, counter, window, radiator	167-37
shapes, carbon, hot-rolled10¢.	222-46	Brushes, paint and varnish	43-28
Bars, steel; color code for marking	166-37	Buffing wheels, full disk	115-30
Bars, steel, reinforcing	26-42	Burs, excavating; dental	195-42
Bars, steel, spiral, reinforcing	53-32	Durs, excevering, dentations.	199-42
Batteries, flashlight; packaging of	104-30	Cans, fruit & vegetable (names, dimen-	l
Bearings, roller, taper	67-36	sions, capacities, & designated use).	+155-40
Beds, hospital	24-37	Cans, shipping (for milk)	208-46
Bedsteads, springs, and mattresses	2-32	Cans, tinned-steel, ice cream	164-36
Blackboard, composition	75-29	Canton flannels, cotton (unbleached)	104-00
Blades, hack-saw10¢.	90-46	for work gloves	186-44
Blankets, bed (sizes)	11-36	Caps, bottle, milk and cream; and	100-44
Board, binder's	81-28	milk and cream bottles	*10
Board, box; thicknesses of	44-36	Caps, milk-bottle; paper tubes for	1.0
Board, corrugated, single-faced (in		packaging of	218-46
rolls), (for department and	1	Caps, paper, (for) ice-cream cups	132-36
specialty store use)	177-41	Carbon-brush terminals (electric) for	-))0
Board, insulating, structural		motors and generators	210-45
(vegetable fiber)	179-42	Carbon-brush terminals (electric)	
Bobbins, filling cop winder, hole		guide-chart for (miscellaneous	
sizes for; and basic dimensions for		publicationsee page 6)	
cones for warp and knitting yarns	152-34	Cartons, ice cream; and ice-cream	
Boilers, range; and expansion tanks	8-112	brick molds	120-40
Boilers range (non-ferrous)	181-41	Cartridges, metallic	62-45
Boilers, steel, heating, horizontal	1	Cases, flashlight, metal and non-	
firebox	157-37	conducting	68-41
Bolts, carriage, machine, and lag;		Chain, welded10¢.	100-29
packaging of	60-43	Chairs, wooden, folding and portable	80-28
Bolts and nuts, (stock production		Chalks, crayons, and related art	
sizes)10¢.	169-45	materials for school use, (types,	
Bolts, plow	23-45	sizes, packaging and colors)	192-45
Books, composition	84-28	Chasers for self-opening and	
Bottles, carbonated beverage	123-43	adjustable die heads10¢.	51-29
Bottles, milk and cream; and bottle		Checks, bank; and notes, drafts, and	
caps	*10	similar instruments	50
Boxes, corrugated, fiber (for depart-		Checks, guest, restaurant	113-30
ment and specialty store use)	128-41	Chinaware, cafeteria and restaurant	33
Boxes, corrugated and solid fiber,		Chinaware, dining car	39
for canned fruits and vegetables	146-41	Chinaware, hospital	40
Boxes, folding, paper (for department		Chinaware, hotel	5
and specialty store use)	127-41	Clay sewer pipe and fittings10¢.	211-45
Boxes, folding, stock; (for)		Cloth, cotton jersey, and tubing for	101-1-
garments and dry cleaning	172-38	work gloves	194-42

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Title	S.P.R. No.	Title	S.P.R. No.
Cloth, cotton jersey, and tubing for		Cups; for ice-cream, and cup caps	R132-36
work gloves	R194-42	Curbstone, granite	102-33
Cloth, screen, wire insect	122-31	Cutters, milling	36-34
Cloth window shades	199-43	Cylinders; anesthetic gas; color	- J0-J4
Clothespins, spring and slotted	199-49	marking for	176-41
(sizes and packaging)	188-42	marking for	110-41
	100-45	Dental brush wheels10¢.	116-30
Coal, high volatile, sizes and		Dental excavating burs	
terminology (miscellaneous publica-		Dental hypodermic needles	195-42
tionsee page 6	166-37	Dental lathe grinding wheels	
Color code for marking steel bars Color marking for anesthetic gas	100-31		130-32
	176-41	Dental mirrors, cone socket	137-32
cylinders Color for school furniture	111-30	Dental plaster, investment, and arti-	117 70
Compartments, ice, refrigerator10¢.	109-29	ficial stone, packaging of Dishes, food; (made of waxed paper,	117-30
	107-27	wood pulp or wood)	187-42
Compressors, air, for automotive	202-43	Doors, hollow metal single acting	101-42
service stations and garages			82-28
Concrete units; building Conductors, copper; (for building	32-38	swing; frames and trim Doors, kalamein; single acting swing;	02-20
	*180-41		97 29
purposes)	~T00=4T	frames and trim	83-28
Cones, paper, and tubes for textile winding	143-39	Doubletrees, singletrees, and neckyokes	134-32
Cones, warp and knitting yarn, basic	±+J=J7	Dressings, surgical	133-38
dimensions for; and hole sizes for		Drums, steel; and barrels	20-28
bobbins for filling cop winders	152-34	Dry-cleaning boxes, folding, stock	20-20
Containers and lids, paper: for foods	1)20)4	(and for) garments	172-38
and beverages (heavy duty, round,	{	Duck, cotton	27-36
nesting type)	175-40	Duck, cotton	21-30
Containers and packages for household	11,040	Eaves trough, conductor pipe, and	
insecticides (liquid spray type)	203-44	fittings, and ridge rolls	29-42
Containers (cans), fruit and vegetable	20)-++	Equipment, food service	182-41
(names, dimensions, capacities, and		Excavating burs, dental	195-42
designated use)	155-40	Extractors, commercial laundry	139-32
Containers, (cans), tinned, steel,			
ice-cream	164-36	Felt products, asphalt- and tar-	
Containers, extracted-honey	156-41	saturated; and asphalt roll roofing	213-45
Containers, glass, for cottage cheese,		Fencing, woven-wire; and woven-wire	
and sour cream	+148-33	fence packages	*9-28
Containers, glass, for green olives	196-42	Fiber boxes, corrugated (for depart-	
Containers, glass, for maraschino		ment and specialty store use)	128-41
cherries	197-42	Files and rasps (American Pattern,	
Containers, glass, for mayonnaise and		and Curved-tooth milled files)10¢.	6-45
kindred products	131-35	Files, Swiss-pattern	206-44
Containers, glass, for preserves,		Film, photographic, for miniature	1
jellies and apple butter	91-32	copies of records	165-36
Containers; paints, varnishes, and		First-aid unit dressings and treat-	
related products; and colors	144-45	ments (packaging of)	178-41
Containers; peanut butter and	200 115	Fittings, eaves trough, conductor	00.10
packaging of	209-45	pipe, and ridge rolls	29-42
Containers, spice (tin and fiber)	170-38	Fittings, pipe, (grey cast iron, mal- leable iron and bress or bronze)	+185-42
Cooking oil, salad oil, and shortening (packages for)	193-42	Fittings, pipes and ducts for warm-air	10.7445
Copper conductors for building	1),-72	heating and air conditioning10¢.	207-45
purposes	+180-41	Fittings, solder-joint, cast brass	212-45
Copper water tube and copper and		Fixtures, plumbing, hospital	106-41
brass pipe	217-46	Fixtures, plumbing, staple vitreous	
Corrugated-board, single-faced (in		china (Included in Commercial	
rolls), (for department and		Standard CS20-42)	52
specialty store use)	177-41	Flannels, cotton canton, (unbleached)	
Corrugated fiber-boxes (for department		for work gloves	186-44
and specialty store use)	128-41	Flashlight cases, metal and non-	
Corrugated and solid fiber boxes for		conducting	68-41
canned fruits and vegetables	146-41	Flatware, silver, sterling	54
Cotton canton flannels, (unbleached),		Food service equipment	182-41
for work gloves	186-44	Food trays, or dishes, (waxed paper,	
Cotton jersey cloth and tubing for		moulded wood pulp & wood types)	187-42
work gloves	194-42		
Crayons, chalks, & related art		and similar instruments)	50
materials for school use (types,	100 10	Forms, commercial (invoice, purchase	77 70
sizes, packaging, and colors)	1 192-40	order, and inquiry)	37-38

Title	S.P.R. No.	Title	S.P.R. No.
Forms for concrete joist construction floors	B87-32	Jacks, screw, bell-bottom Japanned ware, tinware, and	R97-42
Forms, warehouse $10\phi$ . Frames; and trim, for hollow metal	34 、	galvanized ware Jersey cloth and tubing cotton, for	*55
single acting swing doors Frames; and trim, kalamein single	82-28	work gloves Joists, steel, open web	194-42 94-30
acting swing doors Fruit- and vegetable-cans, (names, dimensions, capacities and	83-28	Knives, pocket	99-30
designated use) Fungicides and insecticides; agri-	155-40	Laces, shoe, braided Lath, metal (expanded and sheet) and	168-37
cultural (Packages) Furniture, school; color for	41-42 111-30	metal plastering accessories Lights; sidewalk, floor, and roof	3_44 հօ
Furniture, school tables	191-43	Lining, brake, automobile	*66
Galvanized-ware, tinware, and		Lockers, steel Luggage (trunks and suitcases)	35-44 215-46
japanned ware Garment-boxes, folding, stock; (and	*55	Lumber, softwood (includes shingles and mouldings)204.	16-39
for) dry-cleaning Gas-cylinders for anesthetic gas	172-38	Lumber, rotary-cut; lumber stock for wire-bound boxes	59
(color marking of) Gauze, surgical	176-41 86-42	Mattresses, bedsteads, and springs	2-32
Gloves, work, cotton jersey cloth and tubing for	194-42	Metal and nonconducting flashlight cases.	68-41
Gloves, work, unbleached cotton canton flannel for	186-44	Metal cutting band saws (hard edge, flexible back)	214-45
Goring, shoe elastic	112-29 +45-39	Metal partitions (for toilets and showers)	101-40
Grinding wheels Grinding wheels, dental lathe	130-32	Millboard, asbestos; & asbestos paper.	19-37
Hack-saw blades10¢.	90-46	Millinery-boxes, folding, stock Mirrors, dental, cone-socket	173-38 137-32
Hammers, forged	*159-42 76-40	Molds, brick, ice-cream; and ice- cream cartons	120-40
Handles, hickory Hardware, builders (nontemplate)	77-45	Nails, cut, small; and cut tacks10#.	47-28
(Standards for Builders Hardware are set forth in Commercial Standard		Nails, wire, copper Neckyokes, singletrees and double-	150-34
CS22-40)	18 *160_42	trees Needles, hypodermic, dental	134-32 108-44
Heads, die, self-opening and		Non-ferrous range boilers	181-41
adjustable; chases for Hot-rolled carbon steel bars	51-29	Open-end and box wrenches	220-46
and bar-sized shapeslo¢. Hot-rolled carbon steel structural	222-46	Packages, agricultural insecticides	
shapes10¢. Hypodermic needles; dental	216-46 108-44	and fungicides Packages and containers for household	41-42
Ice, cake sizes	96–28		203-44 156-41
Insecticides and fungicides; agri- cultural (packages)	41-42	Packages, salt Packages, shortening, salad oil, and	70-46
Insecticides, household, (liquid spray type), containers and packages for	203_44	cooking oil Packaging of air brake (electric rail-	193-42
Insulators, porcelain, one-piece Insulating-board, structural	*73	way) parts Packaging of automotive (bus) engine	162-35
(vegetable fiber) Investment, dental; and plaster and	179-42	parts Packaging of bolts; carriage, machine	161-35
artificial stone; packaging of Invoice paper-forms; and purchase	117-30	and lag Packaging of clothespins; spring and	60-43
order and inquiry forms10¢. Inquiry paper-forms; and invoice and	37-38	slotted; and sizes Patkaging of crayons, chalks and re-	188-42
purchase order forms10¢.	37-38	lated art materials for school use	100 10
Iron body valves, (pressure ratings) Iron, steel and bronze relief valves;	*184-42	(also types, sizes, and colors) Packaging of electric railway motor	192-45
bronze pop safety valves Ironers, flatwork, commercial	204-44	and controller parts Packaging of first-aid unit dressings	145-33
laundry	140-32	and treatments	178-41

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SIMPLIFIED PR	ACTIC	E RECOMMENDATIONS	5
Title	S.P.R.	Title	S.P.R.
	No.		No.
Packaging of flashlight batteries	R104-30	Ridge rolls, eaves trough, conductor	
Packaging of over-head electric rail-		pipe, and fittings	R29-42
way material	65-31	Rivets, steel	221-46
Packaging of peanut butter and		Rolls, corrugated-board, single faced,	
containers for	209-45	(for department & specialty store use)	177-41
Packaging of plaster, investment, and		Roofing, iron and steel	78-28
artificial stone; dental	117-30	Roofing, roll, asphalt; and asphalt-	
Packaging of razor blades	69	and tar-saturated-felt products	213-45
Packaging of toothpicks; and sizes		Roofing ternes	30-42
and types	+189-42	Rope, wire10¢.	198-43
Paints, varnishes, and related		Rubber, dental (base and veneering)	138-32
products (colors and containers)	144-45		
Paper, asbestos; & asbestos millboard.	19-37	Safety valves, pop, bronze	204-44
Paper bags, (for notions and	1/-/1	Safety valves, pop, iron and steel	201-43
millinery), (for department and		Salad oil, cooking oil, and shortening	201=45
	129-41		107 10
specialty store use)		packages for	193-42
Paper; basic sheet sizes for	22-40	Salt packages	70-46
Paper boxes, folding (for department		Saws, band, metal cutting; hard	
and specialty store use)	127-41	edge, flexible back	214-45
Paper boxes, set-up (for department		School tables	191-43
and specialty store use)	126-41	Scoops, shovels, spades and telegraph	
Paper boxes for toiletries and		spoons	48-42
cosmetics	200-43	Scrap, iron & steel; classification of	58-36
Paper, photographic	98-43	Screen cloth, insect, wire	122-31
Paper, tissue	46-39	Screens, production, (for) mineral	
Paper, tissue; waxed	125-31	aggregates; wire diameters for	147-42
Paper tubes for packaging		Sewer pipe and fittings, clay10¢.	211-45
milk-bottle caps	218-46	Shades, cloth, window	199-43
Partitions, metal; for toilets and		Shells, loaded paper shot	31-45
showers	101-40	Shipping-cans (for milk)	208-46
	209-45		200-40
Peanut butter packages and containers.	203-43	Shortening, salad oil and cooking oil;	107 10
Pipe, brass and copper; and tube,	077.10	packages for	193-42
water, copper	217-46	Shovels, spades, scoops and telegraph	1 1 1 1 1
Pipe, conductor; and eaves trough, and		spoons	48-42
fittings and ridge rolls	29-42	Shunts, brush; and brushes, carbon,	
Pipe fittings, (grey cast iron, mal-		graphite and metal-graphite	*56-35
leable iron and brass or bronze)	*185-42	Sieve (screen) sizes of canned peas	149-33
Pipe and fittings, sewer, clay10¢.	211-45	Singletrees, doubletrees, and neck-	
Pipe, stove; and accessories	190-42	yokes	134-32
Pipe, wrought-iron and wrought-steel;		Skid platforms	95-30
and valves and fittings	57-32	Slate, blackboard	15-35
Pipes, ducts, and fittings for warm		Slate, roofing	+14-28
air heating and air conditioning.10¢.	207-45	Slate, structural10¢.	13-28
Plaster, adhesive	85-43	Spades, shovels, scoops and telegraph	
Plaster, dental; investment, and		spoons	48-42
artifical stons, packaging of	117-30	Spice containers (tin and fiber)	170-38
Plastering accessories, metal; and	117-30	Spirals, steel, reinforcing	53-32
	3-44	Spools, metal; for annealing,	20-26
metal lath			67
Platforms, skid	95-30	handling, and shipping wire	63
Plumbing fixtures, hospital	106-41	Spoons, telegraph; shovels, spades and	100 100
Pop safety valves, bronze	204-44	scoops	48-42
Pop safety valves, iron and steel	201-43	Springs, bedsteads, and mattresses	2-32
Purchase order paper forms; and		Steel bars and bar-sized shapes,	
invoice and inquiry formsl0¢.	37-38	carbon, hot-rolled $10\phi$ .	222-46
		Steel, iron and bronze relief valves;	
Radiators, cast-iron	174-46	bronze pop safety valves	204-44
Range boilers, (non-ferrous)	181-41	Steel joists, open-web	94-30
Range boilers and expansion tanks	8-42	Steel rivets	221-46
Rasps, and files (American Pattern,		Steel shapes; structural, carbon,	
and Curved-tooth milled files)10¢.	6-45	hot-rolled10¢.	216-46
Refractories, cupola10¢.	154-38	Steel, sheet	28-29
Refractories, malleable foundry10¢.	1 7 . 7 . 1	Stone, artificial, dental; plaster and	20-23
Refrigerators, ice compartment	79-28		117 70
		investment, packaging of	117-30
	1 100 00	Champ mind and constructed	1100 100
sizes10¢.	109-29	Stove pipe and accessories	190-42
sizes10¢. Relief valves, bronze, iron & steel	109-29 204-44	Structural insulating-board	
<pre>sizes10¢. Relief valves, bronze, iron &amp; steel Relief-valves, iron and steel (for</pre>		Structural insulating-board (vegetable fiber)	190-42 179-42
sizes10¢. Relief valves, bronze, iron & steel	204-44	Structural insulating-board	179-42

		E RECOMMENDATIONS	
Title	S.P.R. No.	Title	S.P.R. No.
Suitcases and trunks (luggage) Sweeps, floor Swiss-pattern files	R215-46 88-37 206-44	Tubing and jersey cloth, cotton, for work gloves Tubs, butter, wooden Tumblers, commercial laundry	R194-42 135-32 141-32
Tables, school Tacks, cut; and small cut nailslo¢. Tags, shipping, paper Tanks, expansion; and range boilers Tanks, storage, hot water	191-43 47-28 93-39 8-42 *25	Turnbuckles Twine, cotton, polished Twine, flax and hemp Twine, soft-fiber (jute)10¢. Twine, hard-fiber; and lath yarn	71-28 124-31 136-32 110-29
Tape, sealing; paper No. 1 kraft10¢. Telegraph spoons; shovels; spades and	114-30	(ply and yarn goods)	92-38
scoops Terminals, carbon-brush for (elec-	48-42	Units, building, concrete	32-38
tric) motors and generators Ternes, roofing Textiles, cotton, hospital and institutional Tile, building, hollow	210-45 30-42 74-30 12 61-44	<ul> <li>Valves, brass or bronze (gate, globe, angle, and check)</li> <li>Valves, iron body, (pressure ratings)</li> <li>Valves, pop, safety, bronze</li> <li>Valves, pop, safety, iron and steel</li> </ul>	183-46 +184-42 204-944 201-43
Tiles, clay; for floors and walls,.10¢ Tinware, galvanized, and japenned ware	*55	Valves, regulating, automatic Valves, relief, bronze, iron and steel	219-46 204-44
Tires, solid, industrial truck and trailer	103-33	Valves, relief, iron and steel (for petroleum, chemical and general	
Tools, forged, hand, heavy10¢. Toothpicks, (types, sizes and	17-43 *189-42	industrial services) Varnishes, paints, and related	205-44 144-45
packaging) Towels, terry, fast salvage Traps, lavatory and sink, brass	+189-42 119-31 *21	products (colors and containers) Warehouse paper-forms10¢.	34
Trays, food; (made of waxed paper, wood pulp or wood) Trim, doors and frames; for hollow	187-42	Warm-air heating and air conditioning (pipes, ducts and fittings for)104. Washers, commercial laundry	
metal single acting swing doors Trim, doors and frames; for kalamein single acting swing doors	82-28 83-28	Wheelbarrows	115-30
Trough, eaves, and conductor pipe, and fittings, and ridge rolls Trunks and suitcases (luggage)	29 <b>-42</b> 215-46	Wheels, grinding	*72
Tube, water, copper; and pipe, ' brass and copper Tubes, paper; and cones; for textile	217-46	Wire rope10¢. Wire, screen production, (for) mineral aggregates; diameters for	147-42
winding Tubes, paper, for packaging milk-bottle caps	143-39 218-46	Woven-wire fencing Wrenches, open-end and box	*9–28 220–46
Tubes; taper, for filling cop winders; hole sizes for	153-34	Yarn. lath; and twine, hard-fiber (ply and yarn goods)	92-38

#### MISCELLANEOUS PUBLICATIONS

Title	No.
Simplification of sizes and terminology of high volatile bituminous coal, (1929) Guide-chart for carbon-brush terminals (electric)	M113 M180

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