

Q. What is a Facility Safety Sign Audit?

A. An easy way to ensure that you have the proper identification where you need it most – at the point of a potential hazard.

Q. Why is it important?

A. To avoid unwanted legal situations by ensuring that your facility complies with State & Federal safety identification and marking requirements.

Q. Is this something I can do myself?

A. Yes. We have made it easy for you to perform your own Facility Safety Sign Audit. Just print or copy the following checklist, follow the step-by-step outline to identify the appropriate safety signs required, fill in the quantity of each sign needed and record the locations where signs are to be installed. Fax, email or mail the completed checklist to your local Grainger representative for pricing and ordering.

Q. Can Grainger perform the Audit for us?

A. Yes. Simply call your local Grainger representative and tell us that you would like for us to assist you in your audit and we will set something up immediately.

Increase Your Safety Awareness Today – Perform a Facility Safety Sign Audit!

Material Specifications:

For complete material descriptions refer to the Brady catalog or on-line at www.bradyid.com.

Fiberglass Fiberglass reinforced plastic signs with fade resistant embedded graphics. Best choice for sunlight and harsh environment applications.

Aluminum Aluminum safety sign with protected graphics; permanent indoor and outdoor installations.

Plastic Surface printed rigid plastic safety sign; durable indoor and outdoor use

Self-stick Surface printed polyester label with protected graphics. Adhesive sign for indoor and outdoor use.

Brady-Glo™ “Glow-in-the-dark”, 10+ hour photoluminescent safety signs. Exceed ASTM E 2072-00 standard specifications for photoluminescent safety markings. Available in self-stick or plastic.

Note:

Many signs are available in bilingual versions. Refer to the Brady catalog or on-line at www.bradyid.com for available stock legends. In addition, signs may be custom ordered.



SIMPLIFIED FACILITY SAFETY SIGN AUDIT

Company Name: _____ Performed By: _____

Location/Address: _____ Date: _____

EXITS / EVACUATION

OSHA 1910.38(a)(2), 1910.120(1)(2)(vi) requires emergency response plans, including evacuation routes.

OSHA 1910.37 (b)(2),(4),(5),(7) Exits shall be marked w/ a readily visible sign. A sign reading "EXIT" with an arrow showing directions to the nearest exit must be placed in every location where the direction of travel to an exit is not immediately obvious. Any door, passage, or stairway that is not an exit or a way to an exit, but looks as though it could be an exit, must be marked with a "Not an Exit" sign, or be identified by a sign indicating what the door leads to (storeroom, cleaning closet, basement, etc.)

Quantity	Description	Brady S-23 Catalog Page #	Brady Part #	Grainger Part #
	Evacuation (Evacuation Route Placards can be made by Brady from your supplied disks - call for details.)	-	CUSTOM	CUSTOM
	Emergency Exit Only, 10" x 14", Glow Plastic	62	90628	3UA50
	BradyGlo™ EXIT Sign, Flat Wall Mount, Red	-	90855	3TY26
	BradyGlo™ EXIT Sign, Flag style, One-Sided, Red	47	90839	3TY22
	BradyGlo™ EXIT Sign, Flag style, Two-Sided, Red	47	90840	3TY23
	Exit Left, w/ pictogram and arrow, 5" x 14", Glow Self-stick	60	90594	3NU18
	Exit Right, w/ pictogram and arrow, 5" x 14", Glow Self-stick	60	90591	3NU15
	Not an Exit, 10" x 14", Glow Plastic	59	85523	3KA20

FIRE

OSHA 1910.157(c)(1) requires portable fire extinguishers to be located and identified so they are readily accessible.

OSHA 1910.158(c)(1) requires that reels and cabinets for fire hoses be conspicuously identified.

Quantity	Description	Brady S-23 Catalog Page #	Brady Part #	Grainger Part #
	Fire Extinguisher, 14" x 10", Fiberglass	52	69074	1TZ16
	Fire Extinguisher "V" Sign, 12" x 9", Plastic	69	96908	6G742
	Fire Extinguisher, 14" x 5", Self-stick	52	90367	1K961
	Fire Extinguisher, Floor Sign, w/ Pictogram, 17" diameter	56	49062	1UR85
	Fire Extinguisher, Column Wrap w/ Pictogram, 14" x 28", Self-stick	53	90369	3JY88
	Fire Hose, 14" x 10", Self-stick	53	90384	3JY87
	Fire Hose, "V" Sign, 12" x 9", Plastic	69	96909	6G743
	Fire Alarm, "V" Sign, 12" x 9", Plastic	69	96907	6G741
	Fire Alarm, Floor Sign, w/ Pictogram, 17" diameter	56	49065	1UR86
	In Case of Fire Do Not Use Elevators, Use Stairways, w/ Pictograms 14" x 10", Glow Plastic	60	90949	3NU69
	Emergency Shut Off, 12" x 9", Self-stick	52	90372	3JY84

ELECTRICAL

OSHA 1910.305(b)(3) Over 600V, requires electrical junction box and pull box covers to be permanently, legibly marked "High Voltage."
OSHA 1910.303(g)(1): (i) (iv) 600V and less, requires sufficient access and working space be maintained around electric equipment; and shall be at least 30" wide and 36" in front of such equipment.
OSHA 1910.303(h)(1)(2) Over 600V, requires compliance with above (g) provisions plus; such equipment shall be enclosed in an area, which is under control of lock and key, and shall be accessible only to authorized persons.
2002 NEC 110.16, NFPA 70 E, OSHA General Duty Requires Arc Flash Warning labels on switchboards, panel boards, control panels & MCCs.

Quantity	Description	Brady S-23 Catalog Page #	Brady Part #	Grainger Part #
	DANGER High Voltage, w/ Pictogram, 14" x 10", Fiberglass	42	87681	FINDMRO
	CAUTION Area In Front Of This Electrical Panel Must Be Kept Clear 36 Inches. OSHA-NEC Regulations, 7" x 10", Self-stick	41	84859	6FH21
	Volt Markers, 110 Volts	324	44201	6GX41
	Volt Markers, 220 Volts	324	44207	6GX45
	Volt Markers, 480 Volts	324	44215	6GX52
	Volt Markers, 600 Volts	324	44218	6GX54
	DANGER Arc Flash Hazard / Appropriate PPE Required / Failure To Comply Can Result In Injury Or Death / Refer to NFPA 70 E, 4" x 6" Label (pack of 5)	318	80714	6347312 WWG PARTS
	DANGER Arc Flash Hazard / Appropriate PPE Required / Failure To Comply Can Result In Injury Or Death / Refer to NFPA 70 E, 5" x 7" Label (pack of 5)	318	80713	6348037 WWG PARTS

FIRST AID

OSHA 1910.252(f)(13), 1910.151(b) requires that first aid supplies be readily available; identification helps facilitate.
OSHA 1910.151(c) requires facilities for emergency eye and body flushing, and recommends location signs.
OSHA 1910.134(f)(5)(i) requires that emergency respirators should be quickly accessible and clearly marked.

Quantity	Description	Brady S-23 Catalog Page #	Brady Part #	Grainger Part #
	EMERGENCY First Aid Station, w/ Pictogram, 10" x 14", Plastic	25	62818	1UZ11
	EMERGENCY Eye Wash Station / Keep Area Clear, w/ Pictogram, 10" x 14", Plastic	25	62819	1UZ12
	EMERGENCY Safety Shower / Keep Area Clear, w/ Pictogram, 10" x 14", Plastic	25	62820	1UZ13
	SAFETY FIRST Safety Shower And Eye Wash Station, 14" x 20", Fiberglass	55	73493	4GJ58
	CAUTION Keep This Space Clear At All Times, 10" x 14", Fiberglass	83	47115	4FP47
	EMERGENCY Spill Response Equipment, w/ Pictogram, 10" x 14", Fiberglass	25	62817	1UZ10
	Eye Wash Station 16" h x 12" w x 4" d	Prinzing	Prinzing EW1	-

CONFINED SPACE

OSHA 29 CFR 1910.146(c)(2) Permit required confined spaces are to be marked with signs warning of the hazards.

Quantity	Description	Brady S-23 Catalog Page #	Brady Part #	
	DANGER Confined Space Enter By Permit Only, 7" x 10", Fiberglass	38	70248	1D670
	DANGER Confined Space Enter By Permit Only, 10" x 14", Fiberglass	38	70249	5T123

FLAMMABLE / COMBUSTIBLE

OSHA 1910.106(d)(3)(ii) requires “flammable materials” warnings be placed on storage cabinets containing flammable liquids.

OSHA 1910.106(e)(6) requires precautions to be taken against the ignition of flammable vapors.

OSHA 1910.178(g): 1910.103(b)(1) Battery charging areas must be designated as such; Smoking is prohibited in battery charging areas due to the generation of hydrogen gas.

OSHA 1910.106(d)(7) requires water reactive materials may NOT be stored with flammable or combustible materials.

Quantity	Description	Brady S-23 Catalog Page #	Brady Part #	Grainger Part #
	DANGER No Smoking w/ Pictogram, 10" x 14", Aluminum	86	43489	6BT56
	This Is a Smoke Free Workplace, w/ Pictogram, 10" x 14", Fiberglass	88	72350	1TX74
	Smoking In Designated Areas Only, 10" x 14", Fiberglass	88	76176	6U884
	SMOKING PERMITTED In This Area, 10" x 14", Fiberglass	88	72336	4T688
	DANGER Flammable w/ Pictogram, 10" x 14", Aluminum	34	43475	6BT42
	DANGER No Smoking / Battery Charging Emits Hydrogen Gas, 10" x 14", Fiberglass	35	69399	4FT92

COMPRESSED GASSES

29 CFR 1910.1200(f)(5): .101(b); .103(b)(1)(i)(c); .110(c)(2)(i); .103(c)(2)(iii)(f) Cylinders must be legibly marked to identify the gas contained and must be located or stored in areas where “they will not be damaged by passing or falling objects or subject to tampering by unauthorized persons”.

29 CFR 1910.101(b); .102(a) Compressed gas cylinders must be located or stored in a manner to prevent them from creating a hazard by tipping, falling, or rolling.

Quantity	Description	Brady S-23 Catalog Page #	Brady Part #	Grainger Part #
	DANGER Keep All Cylinders Chained, 10" x 14", Aluminum	34	43487	6BT54
	NOTICE Cylinders Not Connected Must Be Capped, 10" x 14", Aluminum	35	41335	5GR52
	"Empty Cylinders", 7" x 10", Aluminum	36	43322	5Z509
	"Full Cylinders", 7" x 10", Aluminum	36	43323	5Z511
	"Empty" label, 3" x 5", Self-stick (10 pack)	320	60307	1UW14
	"Full" label, 3" x 5", Self-stick (10 pack)	320	60308	1UW66

RIGHT TO KNOW

OSHA 1910.1200(f)(5), Appendix E-4.a Labeling must be done on all plant storage tanks and vessels, as well as, any other containers with hazardous chemicals that are shipped or that are used in the workplace.

Quantity	Description	Brady S-23 Catalog Page #	Brady Part #	Grainger Part #
	Right-To-Know Compliance Center, 14" W x 20" H, includes MSDS binder	Prinzing	Prinzing 2010	6CW67
	Reference Poster, "Right To Know: Understanding MSDS, 24" x 18"	235	53200	3ZM69
	Hazardous Material Warning Label Chart, 24" x 16"	235	53119	-
	NFPA Tank Labels, 10" x 14", Self-stick Vinyl	229	53082	-
	NFPA "Write-On labels, 5" x 3", Self-stick Vinyl (roll of 500)	228	58263	3TL70
	NFPA "Write-On labels, 2" x 1 ¼", Self-stick Vinyl (roll of 500)	228	25746	3TL78
	Custom Tank Signs, Contact Grainger Representative		CUSTOM	CUSTOM

PERSONAL PROTECTION

OSHA 1910.132(a), 1910.145(c)(2) PPE must be provided and used when a hazard capable of causing injury or impairment through physical contact, absorption or inhalation. Posting a sign is a reminder that PPE is required.

OSHA 1910.133(a)(1) eye protection. Posting a sign is a reminder that PPE is required.

OSHA 1910.95(b)(1) head protection. Posting a sign is a reminder that PPE is required.

OSHA 1910.135(b)(1) hearing protection. Posting a sign is a reminder that PPE is required.

OSHA 1910.145(c)(2) requires eye protection when compressed air is used for cleaning purposes.

OSHA 1910.242(b) requires signs to be posted to indicate a possible eye hazard.

Quantity	Description	Brady S-23 Catalog Page #	Brady Part #	Grainger Part #
	CAUTION Eye Protection Required, w/ Pictogram, 10" x 14", Aluminum	48	43469	6BT36
	CAUTION Eye Protection Required, w/ Pictogram, 3 1/2" x 5" Labels (pack of 5)	318	86846	6RN44
	CAUTION Ear Protection Required, w/ Pictogram, 3 1/2" x 5" Labels (pack of 5)	318	86844	6RN42
	CAUTION Hearing Protection Required, w/ Pictogram, 10" x 14", Aluminum	40	43471	6BT38
	CAUTION Safety Gloves Required in This Area, w/ Pictogram, 7" x 17", Fiberglass	90	69271	4FT41
	CAUTION Wear Your Gloves, w/ Pictogram, 3 1/2" x 5" Labels (pack of 5)	318	86857	6RN55
	DANGER Respirators Required, w/ Pictogram, 7" x 17", Fiberglass	91	69471	4FV40
	DANGER Respirator Required, w/ Pictogram, 3 1/2" x 5" Labels (pack of 5)	319	86813	6RN12
	DANGER Hard Hat Area, w/ Pictogram, 10" x 14", Aluminum	90	43476	6BT43
	CAUTION Safety Shoes Required, w/ Pictogram, 10" x 14", Aluminum	90	43472	6BT39
	Clear Acrylic Safety Glass Dispenser, 18" h x 8" w x 4" d	Prinzing	Prinzing MVSD	-
	Clear Acrylic Ear Plug Dispenser, 13" h x 12" w x 8" d	Prinzing	Prinzing PD439G	-
	Clear Acrylic Glove Dispenser, 15 1/4" h x 10 3/8" w x 3 3/4" d	Prinzing	Prinzing GD03	-

HAZARDOUS AREAS

OSHA 1910.145(c)(2) requires "CAUTION" accident prevention signage to warn against potential hazards, unsafe practices, and employees must be instructed as such.

OSHA 1910.96(e)(3)(i), (5) requires signs w/ symbols to be posted at radiation areas

Quantity	Description	Brady S-23 Catalog Page #	Brady Part #	Grainger Part #
	Anti-Skid Tape, Black/Yellow, 3" x 60'	172	78148	3ZG33
	Anti-Skid Tape, Black, 2" x 60'	172	78190	4T629
	Warning / Barricade Post, Black / Yellow Reflective, 3" x 41" (pack of 6)	160	92125	
	Yellow Poly Chain (Also Use w/ Barricade Posts), 2" x 100'	161	78238	4T630
	CAUTION Wet Floor, Floor Stands, Economy Corrugated Poly 12" x 20" (Side 1) Wet Floor w/ Pictogram / (Side 2) Slippery When Wet w/ Pictogram	164	92280	6V533
	CAUTION Watch For Lift Trucks, w/ Pictogram, 10" x 14", Plastic	78	25906	6CW61
	Watch Out For Lift Trucks, w/ Pictogram, Floor Sign, 17" diameter	56	92404	6V543
	CAUTION Radiation Area / Authorized Entry Only, 10" x 14", Plastic	92	25281	6CM86

MACHINES AND EQUIPMENT (Labels and Signs with Pictograms) / Areas of Danger

Quantity	Description	Brady S-23 Catalog Page #	Brady Part #	Grainger Part #
	DANGER HOT, 7" x 10", Fiberglass	24	62432	1UX52
	DANGER HOT, 3 1/2" x 5" Label, (pack of 5)	319	86808	6RN07
	DANGER Pinch Points, 7" x 10", Self-stick	24	83736	3TY20
	DANGER Pinch Points, 3 1/2" x 5" Label, (pack of 5)	319	86868	6RN66
	DANGER Do Not Operate Without Guards In Place, 7" x 10", Self-stick	24	83737	3TU96
	DANGER Do Not Operate Without Guards In Place, 3 1/2" x 5" Label, (pack of 5)	318	86797	6RM96
	DANGER Starts Automatically / Keep Hands Clear, 7" x 17", Fiberglass	-	65904	4FV58
	DANGER Starts Automatically / Keep Hands Clear, 3 1/2" x 5", Label, (pack of 5)	319	86863	6RN61
	DANGER (CUT Fingers Pictogram) Keep Hands Clear When Equipment Is Running, 3 1/2" x 5", Label, (pack of 5)	319	86886	6RN82
	Emergency Shut Off, 3 1/2" x 5", Label, (pack of 5)	320	86203	4VK16

LOCK OUT / TAG OUT

OSHA 29 CFR 1910.147 requires all energy sources be turned off and "locked out" while equipment is serviced.

Quantity	Description	Brady S-23 Catalog Page #	Brady Part #	Grainger Part #
	Lockout PRO™ Graphical Procedure Writing Software with OSHA Reference, Training Modules and Video Clips	343	65918	1UZ94
	Tag, DANGER Do Not Operate, 5 1/2" x 3", Heavy Duty Polyester (pack of 25)	368	65520	5T825
	Lock Out Point, Label, 3 1/2" x 5", Self-stick (pack of 5)	320	86245	4VK17
	Informational Poster, 18" H x 24" W, w/ Pictograms (Prinzing)	-	LOSP8	1D302
	Informational Handbook (pack of 10)	344	66219	6U821
	Lock Out Device Applications:			
	Circuit Breakers			
	Ball Valves			
	Hasps			
	Wall Stations – Loaded and Unloaded			
	Fuses			
	Gate Valves			
	Locks			
	Electrical Plugs			
	Gas Cylinders			
	Lock Boxes			
	Compliance Manuals			
	Wall Switches			
	Pneumatic Quick Disconnects			
	Personal Kits / Tool Box, Pouch			

PIPE MARKERS

ASME (ANSI) A13.1-1996 provides recommendations for pipe marking standards, including coloring & lettering.

Generally, markers are placed every 40-50 feet on long straight runs, at each direction change or valve and each time the pipe passes through a wall or other obstruction (on both sides). Locating markers on piping running perpendicular to and above main aisles and walkways should be done when practical.

Quantity	Description	Brady S-23 Catalog Page #	Brady Part #	Grainger Part #
	Ammonia Markers (IIAR)			
	Wrap Around Polyester (B-689); HPHV (B-681/B-883) "Best Buy"			
	Snap-On & Strap-On			
	Standard, Self-stick			
	Arrow Tape			

Create a list of each content category.

1. For each content category, note each pipe outside diameter (including insulation).
2. Run lengths for each category, by diameter
3. No. of turns and times each pipe passes through a wall or other obstruction
4. Divide run length by 40, then add result to number of turns & penetrations = # markers needed.
(400 divided by 40 = 10, + 10 turns & penetrations = 20 markers needed)

Ex: COMPRESSED AIR

Ex: 8", 4", 2"

Ex: 8" = 400 feet

Ex: 8" = 10 turns / penetrations