

Confined Spaces May Be Dangerous and Must Be Identified

According to OSHA, a confined space is a space that:

- Is large enough and configured in a way that an employee can enter into it to perform work
- Has limited or restricted means for entry or exit
- Is not designed for continuous employee occupation

Confined space locations may include:

- Sewers
- Tanks
- Boilers
- Crawl Spaces
- Pull Pits
- Acid Pits
- Vaults
- Storm Drains
- Pipelines
- Bins
- Tubs
- Ducts
- Vessels

Entering into any of these areas may be necessary for getting the job done, but it could be made safer through proper identification!

When working with confined spaces, trusting your senses is never good enough

- All confined spaces must be considered dangerous **and marked as such**
- Employees and workers must be kept safe from unexpected hazardous conditions when entering a confined space
- Just assuming a confined space is safe could result in serious injury or death
- The Standard requires that the workplace be evaluated to determine if the spaces to be entered are permit-required confined spaces
- The spaces are to be previewed for hazardous atmosphere to human exposure, such as, flammable and toxic gas, vapor or mist, high oxygen concentrations or oxygen deficiencies, and any other safety or health hazards
- When a space is identified as dangerous, **warning signs must be posted**

Develop a written permit confined space program

Create confined space entry documentation and implement it in accordance with the Standard. Make the written program readily available and accessible for review by employees and other workers.

A Permit-Required Confined Space Program includes the employer’s overall program for:

- Authorizing the entry of properly trained employees and supervisors
- Protecting employees from permit confined space hazards
- Regulating worker entry into permit confined spaces

We provide confined space identification products to help keep your employees aware of the hazards associated with confined spaces and keep them safe!



29 CFR § 1910.146 Confined space means a space that:
 (1) Is large enough and so configured that an employee can bodily enter and perform assigned work; and (2) Has limited or restricted means for entry or exit...; and
 (3) Is not designed for continuous employee occupation.

Man-Way Cross™ Barrier

Cross out open entryway to a confined space.

- Crossbuck design fits onto bolt pattern of vertical confined space entry
- Attention-getting diagonal red-white stripes are surface-printed and UV overlamine protected
- Adjustable crossbuck pivots flat for easy transport and storage
- Crossbuck arms measure 5 3/4" x 42" with 1 1/2" x 9" slotted cutouts at each end
- 11 1/2" x 11 1/2" octagonal sign is printed on polyethylene plastic
- Fits 22" to 38" outside bolt-to-bolt*
- Both materials are protected by Duck Armor™
- Crossbucks available in two materials:
 - **Standard** style is polycarbonate plastic – durable to withstand initial impacts and scratches
 - **Heavy-Duty** style is Aluma-Lite™ – combines aluminum and thermoplastic core for high strength and impact protection



Plastic CXB631
Aluma-Lite™ CXB640

Style	Material	Price / Each
Standard	Plastic	call
Heavy-Duty	Aluma-Lite™	call

* To verify proper fit of the Man-Way Cross™ Barrier for your entryway, measure the length across the entryway from bolt to bolt; then measure the bolt diameter and compare to slot width.

PERSONALIZE IT!

Custom Man-Way Cross™ Barrier Legends

Customize the legend to meet your company's need by completing the information below. Please contact us and refer to part number by material for a quote.

Quantity breaks available. Contact us for a quote.

Material	No.
Plastic	CXB555
Aluma-Lite™	CXB655



Plastic CXB635 Plastic CXB633 Plastic SHCXB631
Aluma-Lite™ CXB644 Aluma-Lite™ CXB642 Aluma-Lite™ SHCXB640

Flanged Pipe Barrier Kit

A simple solution for your OSHA-required confined space warning. The adjustable cross arms are designed to fit a variety of hatch openings, featuring a radial fit U-shaped lip design that hooks directly onto the outer flange securely holding it in place. Centre post design accommodates a padlock and lockout tag or hasp for multiple lockouts.

- Eye-catching red and white diagonally striped cross arms with centre danger message stops unauthorized entry.
- Unique adjustable flange mounting requires no bolting
- Constructed from heavyweight aluminum, withstands bangs, scratches, and harsh industrial environments.
- Kit includes two-piece Flanged Pipe Barrier, one keyed differently lock, and one 5 pack of lockout tags
- Available in 3 sizes



To order, add size code after part number: Small – SM, Medium – MD, Large – LG

Size	Fits Flange Diameter	Price / Kit
Small	18" and 20"	call
Medium	22" and 24"	call
Large	26" and 28"	call



29 CFR 1910.146(c)(2) If the workplace contains permit spaces, the employer shall inform exposed employees, by posting danger signs or by any other equally effective means, of the existence and location of and the danger posed by the permit spaces.



CXB801

CXB802

SBCXB803

SHCXB804

CXB805

CXB806



Warning Barrier™
MANHOLE
 BY ACCUFORM.

Prevents immediate entry by blocking access with confined space DANGER message.

- Barrier fits right inside the manhole, visible only when the cover lid is removed
- Lightweight molded plastic withstands harsh environments
- Two large slots in the inner ring prevent water and debris accumulation; slots facilitate air circulation to avoid trapping hazardous gases inside
- 11 1/2" octagon-shaped label alerts workers to require permit before entry
- Two "NO STEP" vinyl labels for the lip prevent applying any weight to the barrier

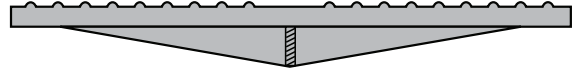
MANHOLE COVER STYLES

Match the look of your manhole cover to the styles shown below and provide the measurements noted.

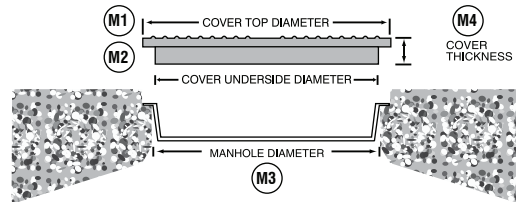
Style A - Specify manhole cover diameter.



Style B - Specify manhole cover diameter.



Style C - Specify the following 4 measurements (M):



24" - 26" MWB207
26 1/2" - 30" MWB227



24" - 26" MWB206
26 1/2" - 30" MWB226



24" - 26" MWB209
26 1/2" - 30" MWB229



24" - 26" MWB204
26 1/2" - 30" MWB224



24" - 26" MWB214
26 1/2" - 30" MWB234



24" - 26" MWB200
26 1/2" - 30" MWB220



24" - 26" MWB210
26 1/2" - 30" MWB230



24" - 26" MWB202
26 1/2" - 30" MWB222

How to Order:



Select Label Part Number:
24" = MWB207



Add Manhole Cover Style letter to part number: Style A = MWB207A

NOTE: For Style C, you must also provide the additional information as outlined in the diagram above.

	Fits Dia.	Price / Each
	24" - 26"	call
	26 1/2" - 30"	call

PERSONALIZE IT!

Custom Manhole Warning Barrier™

Specify your desired OSHA heading, custom legend, and manhole cover style. Refer to the part numbers by size, and contact us for a quote.



OSHA Signal Header

Your Custom Legend

	Fits Dia.	No.
	24" - 26"	MWB215
	26 1/2" - 30"	MWB225

Manhole Cover Signs

Prevent unauthorized entry and remind workers to follow confined space procedures.

- Install sign on the manhole cover to identify it as an OSHA confined space
- Danger signs are visible at all times to identify confined space below
- Attention-getting, stop sign-style octagonal image is 17" diameter; features bold color and confined space warning message
- Available in two materials:
 - **Adhesive Sign** – Flexible; overlaminated with clear, protective, pebble-textured surface for added durability. Edge Sealer improves adhesion (sold separately)
 - **Rigid Sign** – Acrylic plastic is durable to withstand impacts, scratches, and heavy traffic. Four 3/8" drilled holes for bolt mount. 2-Part Epoxy improves adhesion (sold separately)



Adhesive Rigid CMH202 CMH707



Adhesive Rigid CMH204 CMH709



Adhesive Rigid CMH206 CMH711

Item	Price / Each
Adhesive Sign	call
Rigid Sign	call

Item	No.	Price / Each
Edge Sealer – 5-oz tube	MB144	call
2-Part Epoxy – 22-oz kit	HFN606	call

PERSONALIZE IT!

Manhole Cover Signs are available in custom legends. Please contact us for details and refer to part number for a quote.

Item	Adhesive Sign No.	Rigid Sign No.
17" dia	CMH245	CMH745
Other size	CMH255	CMH755

Manhole Guard

Enhance the safety of an open manhole.

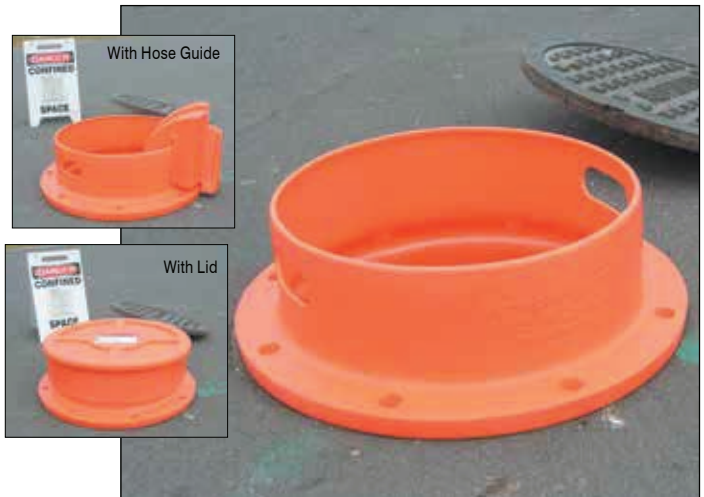
Durable, rugged plastic cylinder inserts directly into the open manhole. The wide outer ring with 6" rise prevents items from falling directly down and minimizes the risk of slips and falls when passing by open hole.

- Fits round manholes and storm drain openings from 20"-24"
- Bright orange color provides high visibility
- Molded-in grab handles allow for easy lifting

Accessories

Hose Guide - Attach to Manhole Guard to keep hoses, cords, and other lines in place and tangle-free.

Lid - Temporarily covers the manhole opening without removing the Manhole Guard.

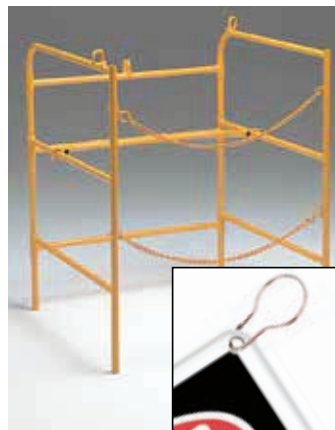


Item	No.	Price / Each
Manhole Guard	CHW201	call
Hose Guide	CHW207	call
Lid	CHW209	call

Manhole Guard Rail

Surround and protect an open manhole.

- 42" high guard rail stands in a 33" x 33" area
- Strong, 1" tubular .078" gauge steel construction is safety yellow for high visibility
- Rail locks open; two hooking chains for protected entry and exit
- Collapses to 44" square x 4" for easy portability and storage
- Hang hazard warning signs on the rail with Snap Hook Loop (sold separately)



Item	No.	Price / Each
Manhole Guard Rail	CHW303	call

Item	No.	Price / Each
Snap Hook Loop, 1 1/2" x 2 13/16"	HTL175	call

Manhole Lid Lifter

Lift and move manhole covers quickly and easily.

- One-piece cadmium-plated steel lifter has necessary leverage to lift the heaviest manhole covers
- Rubber grips on the handle and foot prevent slips
- 42" overall length



No.	Price / Each
CHW421	call



Complies with OSHA 1910.146(c)(5)(II)(B). When entrance covers are removed, the opening shall be promptly guarded by a railing, temporary cover, or other temporary barrier that will prevent an accidental fall through the opening and that will protect each employee working in the space from foreign objects entering the space.

Confined Space Ladder Shield™

Identify confined spaces at the access point.

Attach to fixed ladders on tanks, vessels, dike walls, and other confined spaces where a ladder is required for access. Made of durable aluminum protected by Duck Armor™, and fits most ladders.

Easy to use:

- Hang the 2 13/16"D U-shaped top over an upper level ladder step; 42"H x 13 1/4"W shield face blocks access to the steps below
- Run the cable-haspl lockout through the pre-punched holes in the Confined Space Ladder Shield™, and around the ladder steps
- Pull cable tight
- Secure the cable-haspl lockout with padlock

PERSONALIZE IT!

Custom Ladder Shield™

Available in custom legends. Please contact us for a quote, and refer to part number **KLB455** for a kit and **KLB355** for Ladder Shield™ only.



Confined Space Ladder Shield™ Kit includes:

- 1 – Confined Space Ladder Shield™
- 1 – Twist 'n Lock Cinch Lockout
- 1 – Padlock with key

Item	No.	Price / Each
Ladder Shield™ Kit	KLB450	call
Replacement Padlock	KDL816RD	call

Item	No.	Price / Each
Replacement Cinch Lockout	KDD640	call



29 CFR Subpart X 1926.1053(b)(8) ... a barricade shall be used to keep the activities or traffic away from the ladder.



Tags available separately



Top View



Back View



KLB760

KLB764

KLB766

KLB762

Confined Space Ladder Shield™ Wraps

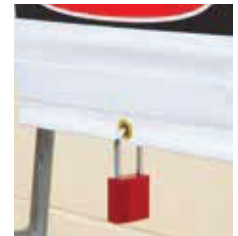
Stop unauthorized access onto ladders leading into confined spaces.

- Install over fixed ladders attached to the outside of a confined space
- Durable, flexible reinforced vinyl with metal grommets at the ends
- Large, bold safety messages with graphic
- Overall measurement is 87"H x 13"W
- Finished in-place look measurement is 42" x 13"

Ladder Shield™ Wrap Kit includes:

- 1 – Ladder Shield™ Wrap
- 1 – Padlock with key

Item	Price / Kit
Ladder Shield™ Wrap Kit	call



Back

PERSONALIZE IT!

Custom Ladder Shield™ Wraps

Available in custom legends. Please contact us for a quote, and refer to part number **KLB755** for a kit and **KLB655** for wrap only.

Permit Holder Board

Board communicates confined space requirements and holds related permits.

- Hang or set board near or at entrance of confined space to be readily seen by all
- Features large sign legend with clear acrylic pocket
- Holds 8 1/2" x 11" entry permit sheets (available separately)
- Constructed of durable PVC
- Measures 12"H x 19"W with mounting holes
- Not recommended for outdoor use



CBS129



CBS131

PERSONALIZE IT!

We will create one with your design in mind. Order **CBS555** and provide us the following specifications - dimensions, message, color(s), and company logo, if required. We can provide a proof upon request.

Price / Each
call

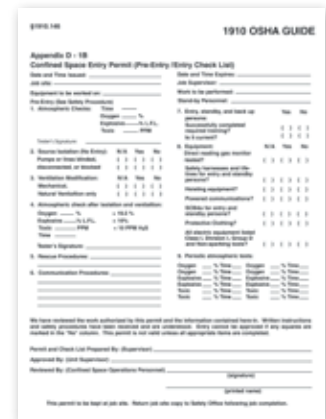


Permits Sold Separately

Entry Permit Sheets

Entry permits are required at the time of entry – then kept as a permanent record, documenting the entry procedure.

- Easy to write on 8 1/2" x 11" sheets
- Easily displayed in Confined Space Permit Holder Board
- Conveniently packaged in easy-to-tear-off pads
- 100 sheets per pad



Permit Sheets - Checklist Shown

Item	No.	Price / Pad of 100
Checklist	CBS244	call
Entry Permit	CBS246	call
Sewer Entry Permit	CBS248	call

Confined Space Permit Station

Make permits accessible where they are needed – at the site.

- 14" x 20" aluminum board
- Permanently mounted, clear, plastic holder and flip-top lid protects pads of permits from the elements
- Mount at or near job site, making permits easily accessible



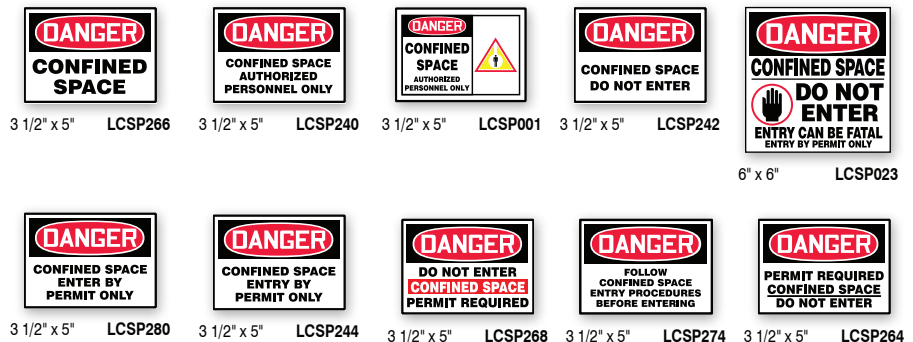
No.	Price / Each
CBS420	call



§ 1910.146 (e) (1) . . . the employer shall document the completion of measures required by preparing an entry permit... (3) The completed permit shall be made available at the time of entry to all authorized entrants, by posting it at the entry portal or by any other effective means...

Confined Space Labels

Sold in Adhesive Vinyl packaged, or Adhesive Dura-Vinyl™ individually. When ordering, add material code after part number.



	Adhesive Vinyl – VSP	Dura-Vinyl™ – XVE
Size	Price / Pkg.	Price / Each
3 1/2" x 5"	call / Pkg. of 5	call
6" x 6"	call / Pkg. of 5	call

Confined Space Signs



7" x 10" MCSP116
10" x 14" MCSP002
14" x 20" MCSP010



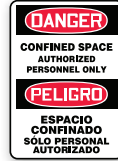
10" x 14" MCSP109



7" x 10" MCSP140
10" x 14" MCSP141
14" x 20" MCSP011



7" x 10" MCSP038
10" x 14" MCSP013



14" x 10" SBMCSP141
20" x 14" SBMCSP011



7" x 10" MCSP006
10" x 14" MCSP230
14" x 20" MCSP040



14" x 10" SBMCSP230
20" x 14" SBMCSP040



10" x 7" MCSP147
14" x 10" MTDX038
20" x 14" MCSP049



10" x 14" MCSP030



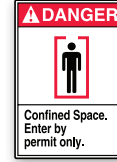
7" x 10" MCSP133
10" x 14" MCSP134
14" x 20" MCSP143



7" x 10" MCSP130
10" x 14" MCSP001
14" x 20" MCSP047



14" x 10" SBMCSP134
20" x 14" SBMCSP143



14" x 10" MRSP104



7" x 10" MCSP019
10" x 14" MCSP018
14" x 20" MCSP051



7" x 10" SBMCSP113M
10" x 14" SBMCSP126M
14" x 20" SBMCSP129M



14" x 10" SBMCSP018
20" x 14" SBMCSP051



7" x 10" MCSP003
10" x 14" MCSP054
14" x 20" MCSP048



10" x 14" MCSP021



10" x 14" MCSP062



7" x 10" MCSP124
10" x 14" MCSP125



7" x 10" MCSP102
10" x 14" MCSP104



7" x 10" MCSP108
10" x 14" MCSP110
14" x 20" MCSP050



10" x 14" MCSP023



10" x 14" MCSP111



7" x 10" MCSP057
10" x 14" MCSP046



7" x 10" MCSP122
10" x 14" MCSP026
14" x 20" MCSP043



10" x 14" MCSP068



7" x 10" MCSP131
10" x 14" MCSP031



7" x 10" MCSP132
10" x 14" MCSP035



7" x 10" MCSP012
10" x 14" MCSP056
14" x 20" MCSP044



7" x 10" MCSP059
10" x 14" MCSP020



14" x 10" SBMCSP020
20" x 14" SBMCSP142



7" x 10" MCSP007
10" x 14" MCSP058
14" x 20" MCSP045



14" x 10" SBMCSP058



7" x 10" MCSP066
10" x 14" MCSP069



29 CFR § 1910.146(c)(2) If the workplace contains permit spaces, the employer shall inform exposed employees, by posting danger signs or by any other equally effective means, of the existence and location of and the danger posed by the permit spaces. Note: A sign reading DANGER — PERMIT REQUIRED CONFINED SPACE DO NOT ENTER or using similar language would satisfy the requirement for a sign.

How to Order Signs:



Select Sign Part Number:
10" x 14" MCSP002

For Each, Add Material Code:
Plastic – VP = MCSP002VP

For Package, Add Material Code & 10:
Plastic – VP = MCSP002VP10

Best Value!
Save 10%

Size	Adhesive Vinyl – VS		Plastic – VP		Aluminum – VA*		Dura-Vinyl™ – XV		Dura-Plastic™ – XT*	
	Each	Pkg. of 10	Each	Pkg. of 10	Each	Pkg. of 10	Each	Pkg. of 10	Each	Pkg. of 10
7" x 10"	call	call	call	call	call	call	call	call	call	call
10" x 14"	call	call	call	call	call	call	call	call	call	call
14" x 20"	call	call	call	call	call	call	call	call	call	call

* VA and XT signs are protected by Duck Armor™ – see inside front cover

➤ Additional materials are available for a variety of performance needs – see page 77

Confined Space Stencils

Mark confined spaces that are otherwise difficult to label by using ink or paint stencils.

- Mylar plastic stencils
- Fits a 7" x 10" image area
- Header line has approx. 2"H letters
- Message area has 1"H letters



7" x 10" CST710



7" x 10" CST712



7" x 10" CST714



7" x 10" CST716



7" x 10" CST718



7" x 10" CST720

Stencil Inks

Spray sharp, clean edge with aerosol stencil inks.



To order, add color code after part number: White – WT, Red – RD, Black – BK, Blue – BU, Green – GN, Orange – OR, Yellow – YL

No.	Price / Each
PMA162	call

PERSONALIZE IT!

Confined Space Stencils can be customized with facility specific information. Call, fax, or email us for a quote; refer to number **CST555** and be sure to include your layout and checklist requirements, and also the number of stencils required.



Magnetic Confined Space Signs

Ideal for frequent changing of signs on tanks, vessels, and other ferrous metal surfaces.

- Easily apply, move, and re-apply to most steel and ferrous metal surfaces
- Magnetic ferrite particles embedded in synthetic rubber base with printable vinyl surface
- Resists cracking and chipping; flexible to mount on curved surfaces
- Service temperature range: 0° to 160°F

Size	Price / Each
7" x 10"	call



7" x 10" CSM011



7" x 10" CSM001



7" x 10" CSM003



7" x 10" CSM005



7" x 10" CSM007



7" x 10" CSM009

PERSONALIZE IT!

Magnetic confined space signs can be customized with facility specific information. Call, fax, or email us for a quote; refer to number **CSM555** and be sure to include your layout and checklist requirements, and also the number of signs required.

Fold-Ups®

Set out free-standing signs to identify temporary hazardous conditions.

- Message repeated on both panels
- Impact-resistant plastic
- 7" x 5" clear pocket for holding a tag or folded permit sheet

Price / Each
call



20" x 12" PFR140



20" x 12" PFR130



20" x 12" PFR136



20" x 12" PFR138

PERSONALIZE IT!

Fold-Ups® can be customized with facility specific information. Call, fax, or email us for a quote; refer to number **PFR555** and be sure to include your layout and checklist requirements, and also the number of Fold-Ups® required.

Quantity breaks available. Contact us for a quote.

Item	No.
Custom Fold-Ups®	PFR555

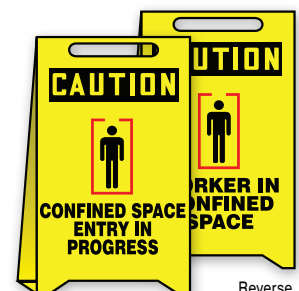
Reversible Fold-Ups®

- Flip and fold to reveal second message
- Constructed of corrugated plastic

Price / Each
call

PERSONALIZE IT!

Customize with facility specific information. Call, fax, or email us for a quote; refer to number **PFE455**.



20" x 12" PFE417