



PERMIT-REQUIRED CONFINED SPACE ENTRY PERMIT

Vanguard Training Group | Complete before entry | 29 CFR 1910.146 (general industry) | 1926 Subpart AA (constr.)

VTG-CS-PRMT-001

Rev. October 2026

1. SPACE IDENTIFICATION AND PURPOSE (start / end: no longer than the task needs, (e)(4))

1910.146(f)(1)–(3) | 1926.1206(a)–(c)

Space name / ID _____ Location / facility _____ Permit no. _____

Purpose of entry _____ Date _____ Work order _____

Start (date / time) _____ End (date / time) _____ Shift / crew _____

Space type: ☐ Tank ☐ Vessel ☐ Pit ☐ Vault ☐ Sewer ☐ Silo ☐ Duct ☐ Manhole ☐ Other _____

Entry employer _____ Host employer _____

Other employers in / near space: ☐ No ☐ Yes, coordinated with: _____

2. WORK TO BE PERFORMED AND ADDITIONAL PERMITS (check all that apply; attach permits)

1910.146(f)(15) | 1926.1206(p)

Work type: ☐ Inspection ☐ Cleaning ☐ Maintenance ☐ Repair ☐ Hot work ☐ Electrical work ☐ Other _____

Additional permits: ☐ None ☐ HOT WORK no. _____ ☐ ELECTRICAL no. _____ ☐ OTHER PERMIT type / no. _____ ☐ Attached

3. ENTRY TEAM (print names for this permit; update when people change)

1910.146(f)(4)–(6) | 1926.1206(d), (f), (g)

Authorized entrant(s)	Attendant(s)	Entry supervisor(s)
_____	_____	_____
_____	_____	_____
_____	_____	_____

More entrants tracked by: ☐ Sec. 10 log ☐ Roster / tag board ☐ Other ☐ Attendant covers > 1 space? No ☐ Yes: _____

4. HAZARDS AND MITIGATIONS (Present / Mit. = controlled; write the control)

1910.146(f)(7), (f)(14) | 1926.1206(h), (o)

Hazard category	Includes	Present	Mit.	Specific mitigation / control
Atmospheric	O ₂ deficient / enriched, flammable gas or vapor, toxic gas, combustible dust	☐	☐	_____
Engulfment	liquid, free-flowing solid / grain, sludge; non-isolated upstream flow	☐	☐	_____
Configuration (entrapment)	inwardly converging walls, floor sloping to a smaller cross-section, baffles, fall	☐	☐	_____
Energy / mechanical	electrical, moving parts, stored pressure, hydraulic / pneumatic, gravity	☐	☐	_____
Other / external	heat / cold, noise, visibility, chemical contact, hot work, traffic, weather	☐	☐	_____

Specific chemicals / SDS reviewed: _____ Other info needed for safety (coordination, weather, procedures): _____

5. ISOLATION AND HAZARD CONTROL MEASURES (complete before entry)

1910.146(f)(8), (d)(3) | 1926.1206(e), (i)

Energy isolation (LOTO): ☐ Electrical ☐ Mechanical ☐ Hydraulic ☐ Pneumatic ☐ Chemical ☐ Thermal ☐ Gravity / stored ☐ N/A
Line / piping isolation: ☐ Blank / blind ☐ Double block & bleed ☐ Remove / misalign section ☐ Disconnect mech. linkage ☐ N/A
Atmosphere control: ☐ Purge / flush ☐ Inert (O₂-deficient = IDLH) ☐ Continuous forced air ☐ Local exhaust ☐ Natural vent only
Barriers / other: ☐ Opening guarded / barricaded ☐ Signs posted ☐ Traffic control ☐ Engulfment early warning (constr.) ☐ N/A

If ventilation stops, rising hazard detected by (required in construction, 1926.1206(e)): ☐ Continuous monitor w/ alarm ☐ Other: _____

Isolation verified by _____ Time _____ Isolation points / notes _____

6. EQUIPMENT AND PPE REQUIRED FOR THIS ENTRY (*vertical > 5 ft deep †not in O₂-deficient / IDLH)

1910.146(f)(13), (d)(4) | 1926.1206(n)

☐ Full-body harness ☐ Retrieval line ☐ Tripod / davit ☐ Mech. retrieval* ☐ Hard hat ☐ Eye protection ☐ Gloves
☐ Protective clothing ☐ Hearing protection ☐ Safety footwear ☐ Lighting (rated) ☐ GFCI / low-volt. ☐ Non-sparking tools ☐ Bonding / ground
☐ Air-purifying resp.† ☐ Supplied air / SCBA ☐ Escape respirator ☐ Entrant monitor ☐ Attendant monitor ☐ Vent. blower ☐ Rescue equipment
☐ Radio / phone ☐ Alarm / evac. signal ☐ Barricades / signs ☐ Ladder / access ☐ Fire extinguisher ☐ First aid / AED ☐ Other _____

7. COMMUNICATION PROCEDURES (entrants – attendant – rescue)

1910.146(f)(12) | 1926.1206(m)

Primary method _____ Channel / no. _____ Check-in interval _____ Backup method _____

Evacuation signal _____ How attendant summons rescue _____



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8. RESCUE AND EMERGENCY SERVICES (arrange BEFORE entry)

1910.146(f)(11), (k) | 1926.1206(l), 1926.1211

Rescue method: ☐ Non-entry retrieval (required unless it adds risk or won't help) ☐ On-site entry rescue team ☐ Off-site rescue service

Rescue service _____ Ph. / radio _____ Notified / resp. time _____ Hospital / EMS _____

☐ Rescue service evaluated, timely, told hazards ☐ SDS ready for the treating medical facility ☐ Constr.: service reports if unavailable; backup☐ Retrieval rigged: harness + line to fixed point ☐ Rescue availability / summoning verified ☐ No untrained rescue: attendant non-entry only

9. ATMOSPHERIC TESTING AND ENTRY CONDITIONS (O₂ → flam. → toxics)

1910.146(f)(9), (f)(10), (d)(5) | 1926.1206(j), (k), 1926.1204(e)

Instrument make / model / serial _____ Bump test _____ Cal. date _____

Monitoring: ☐ Continuous (alarms on) ☐ Periodic, every (min): _____ ☐ Other toxic (from Sec. 4) gas / unit / limit: _____

Test	Time	O ₂ % vol 19.5–23.5	Flam. % LEL < 10	H ₂ S ppm < 10	CO ppm < 25	SO ₂ ppm < 2	NH ₃ ppm < 25	NO ₂ ppm < 1	Cl ₂ ppm < 0.5	Other (see above)	Dust vision > 5 ft	All in limits? Y / N	Tester initials
Pre-entry													
Periodic 1													
Periodic 2													
Periodic 3													
Periodic 4													
Periodic 5													
Periodic 6													

EVACUATE if a reading is outside limits, an alarm sounds, ventilation fails or symptoms show; re-evaluate first (1910.146(h)(5), (i)(6)). Heads = entry limits (stricter than PELs). Test top, middle and bottom of the space. N/T = not tested. Dust: OK / not OK. O₂ < 20.9 %: find out why.

10. PERSONNEL TIME LOGS (attendant keeps an accurate count)

1910.146(f)(4), (i)(3) | 1926.1206(d), 1926.1209(c)

#	Entrant name	Time IN	Time OUT	Init.	#	Attendant name	Start	Stop	Init.
1					1				
2					2				
3					3				

11. PRE-ENTRY BRIEFING AND VERIFICATION (entry supervisor checks each item)

1910.146(j)(2), (e)(3) | 1926.1210(b), 1926.1205(c)

☐ Hazards, symptoms, tasks reviewed with team ☐ Permit complete and posted at the entry portal ☐ Exit on order, alarm, symptoms, prohibited cond.☐ Entrants offered to observe testing; results shared ☐ PPE, retrieval, comms, alarm, monitors staged ☐ Attendant outside, keeps count, no other duties☐ Isolation / LOTO / blanks verified; barriers ☐ Rescue available; means of summoning tested

12. AUTHORIZATION TO ENTER (only after Sections 1–11 are complete)

1910.146(f)(6), (e)(2) | 1926.1205(b), 1926.1206(g)

I verify Sections 1–11 are complete and acceptable entry conditions exist; entry is authorized only for this space, work and duration.

Role	Name (print)	Signature	Date / time
Entry supervisor			
Attendant (optional)			

NEW ENTRY SUP. ((j)(6); 1926.1210(f)): print / init.	Time	NEW ENTRY SUP.: ops match permit; print / init.	Time

13. PERMIT CANCELLATION (entry supervisor)

1910.146(e)(5), (e)(6) | 1926.1205(e), (f)

Reason: ☐ Work completed ☐ Prohibited cond. / evac. ☐ Duration expired ☐ Emergency / rescue ☐ SUSPENDED (constr.)* ☐ Other _____

*Suspended: time / initials _____ Re-assessed by / time _____ All entrants out? Yes / No – explain _____

Problems encountered (1910.146(e)(6)) _____ Space closed out (covers, isolation removed) _____

Role	Name (print)	Signature	Date / time
Cancelled by (entry sup.)			

Constr.: no new hazard; reassess before re-entry. NEW PERMIT after cancel / new hazard / scope / expiry. RETAIN ≥ 1 yr; POST at portal.*REFERENCES:** 1910.146 (+App. B); 1926 Subpart AA; 1910.134; 1910.147; 1910.1000; 1926.55; NIOSH NPG; ANSI/ASSP Z117.1; ISEA; mfr.