

CONFINED SPACE ENTRY PERMIT

To be used for entering tanks, boilers, combustion chambers, spaces with moving machinery and blocked sewers. Also when welding or high voltage work will be performed.

UCSD employees are only authorized to enter confined spaces after having received training in specialized entry procedures.

Date _____ Location _____ Type of Space/# _____

Reason for Entry _____

Persons(s) Entering _____

Form Completed By _____

Supervisor's Authorization _____ Permit Expiration Date _____

PREPARATION

1. If the space is a blocked sewer, contract the job out, if possible.
2. If the space is a boiler or combustion chamber, follow appropriate pre-entry procedures listed in the confined space employee guide.
3. Lock valves or blind/lock pipes in spaces which could become flooded.
4. Lock and tag all machinery which could be accidentally turned on.
5. Check the air monitor and battery status.
6. Arrange for blower, power supply, standby person and communication resource.

ON-SITE MONITORING

1. Test air at top of space through the cover. Record the results.
2. If acceptable, open the cover. Test air at the bottom of the space. Record the results. If the combustibility reading at the bottom is greater than the top of the space, notify your supervisor and EH&S. **DO NOT ENTER THE SPACE!**
3. If air is not safe, ventilate, purge and retest. If atmosphere does not clear, **DO NOT ENTER!**
4. Ventilate space according to purge chart on back of this form - 5 minutes minimum.
5. Monitor continuously, recording results every two hours. Retest the air after breaks and lunch.

MEASUREMENT

Instrument # _____ Calibration Date _____

TIME	OXY	CO	H2S	COMBUSTIBILITY	OTHER
	Safe Range (19.5-23.5%)	Safe Range (< 35ppm)	Safe Range (< 10ppm)	Safe Range (< 10%)	

If an emergency should occur, first summon help. Call 911 (6111 at Med. Ctr) and request help from the fire department. Tell the operator you have a "manhole rescue situation." If a person is down for no apparent reason, you must assume that toxic gases or oxygen deficient atmosphere conditions exist. **DO NOT ENTER THE SPACE** - fire department personnel using self-contained breathing apparatus and full protective gear will manage the rescue effort.

Date/Time Entered _____ Date/Time Exited _____

Keep this log at work site during the operation. Complete the form and return it to your supervisor when finished.