

# SPECIAL PERMIT CONFINED SPACE

To be used for entering tanks, boilers and combustion chambers. Employees are only authorized to enter confined spaces after having received training in specialized entry procedures.

Date \_\_\_\_\_ Location \_\_\_\_\_ Type of Space/# \_\_\_\_\_  
Reason for Entry \_\_\_\_\_  
Person(s) Entering \_\_\_\_\_  
Form Completed by \_\_\_\_\_  
Supervisor's Authorization \_\_\_\_\_ Permit Expiration Date \_\_\_\_\_

## PREPARATION

1. If the space is blocked sewer, contract the job out.
2. If the space is a boiler or combustion chamber, follow appropriate pre-entry procedures listed in the confined-space written program.
3. Lock valves or blind/lock pipes in spaces that could become flooded.
4. Lock and tag all machinery that 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 at 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 - 5 minutes minimum.
5. Monitor continuously, recording results every two hours. Retest the air after breaks and lunch.

## MEASUREMENT

TIME	OXY	CO	H <sub>2</sub> S	COMBUSTIBILITY	OTHER
(test every two hours)	Safe Range (19.5-23.5%)	Safe Range (below 35ppm)	Safe Range (below 10ppm)	Safe Range (below 10%)	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____

If an emergency should occur, first summon help. **CALL 911** and request help from the fire department. Tell the operator you have a "manhole rescue situation." If a person is down for now 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.*

This type of permit assumes all work will take place under acceptable atmospheric conditions. And that the Confined Space has no internal configuration such that an entrant could be trapped or asphyxiated by inwardly converging walls or by a floor which recognized serious safety or health hazard.

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