

*The following checklist is a guide. It may be used in its entirety or be modified to the specific user's needs by adding or subtracting items from the checklist. For questions concerning any item, contact the Office of Environmental Health and Safety.*

**(11) ENTERING CONFINED SPACES**

Name: \_\_\_\_\_ Date : \_\_\_\_\_

Location of Inspection: \_\_\_\_\_

<p><b>1. Are confined spaces thoroughly emptied of any corrosive or hazardous substances, such as acids or caustics, before entry?</b></p>	<p>Yes <input type="checkbox"/> No <input type="checkbox"/></p>	<p>Comments: _____ _____ _____</p>
<p><b>2. Before entry, are all lines to a confined space, containing inert, toxic, flammable, or corrosive materials valved off and blanked or disconnected and separated?</b></p>	<p>Yes <input type="checkbox"/> No <input type="checkbox"/></p>	<p>Comments: _____ _____ _____</p>
<p><b>3. Is it required that all impellers, agitators, or other moving equipment inside confined spaces be locked-out if they present a hazard?</b></p>	<p>Yes <input type="checkbox"/> No <input type="checkbox"/></p>	<p>Comments: _____ _____ _____</p>
<p><b>4. Is either natural or mechanical ventilation provided prior to confined space entry?</b></p>	<p>Yes <input type="checkbox"/> No <input type="checkbox"/></p>	<p>Comments: _____ _____ _____</p>
<p><b>5. Before entry, are appropriate atmospheric tests performed to check for oxygen deficiency, toxic substance and explosive concentrations in the confined space before entry?</b></p>	<p>Yes <input type="checkbox"/> No <input type="checkbox"/></p>	<p>Comments: _____ _____ _____</p>
<p><b>6. Is adequate illumination provided for the work to be performed in the confined space?</b></p>	<p>Yes <input type="checkbox"/> No <input type="checkbox"/></p>	<p>Comments: _____ _____ _____</p>

<p><b>7. Is the atmosphere inside the confined space frequently tested or continuously monitor during conduct of work?</b></p>	<p>Yes <input type="checkbox"/> No <input type="checkbox"/></p>	<p>Comments: _____ _____ _____</p>
<p><b>8. Is there an assigned safety standby employee outside of the confined space, whose sole responsibility is to watch the work in progress, sound an alarm if necessary, and render assistance?</b></p>	<p>Yes <input type="checkbox"/> No <input type="checkbox"/></p>	<p>Comments: _____ _____ _____</p>
<p><b>9. Is the standby employee or other employees prohibited from entering the confined space without lifelines and respiratory equipment if there is any questions as to the cause of an emergency?</b></p>	<p>Yes <input type="checkbox"/> No <input type="checkbox"/></p>	<p>Comments: _____ _____ _____</p>
<p><b>10. In addition to the standby employee, is there at least one other trained rescuer in the vicinity?</b></p>	<p>Yes <input type="checkbox"/> No <input type="checkbox"/></p>	<p>Comments: _____ _____ _____</p>
<p><b>11. Are all rescuers appropriately trained and using approved, recently inspected equipment?</b></p>	<p>Yes <input type="checkbox"/> No <input type="checkbox"/></p>	<p>Comments: _____ _____ _____</p>
<p><b>12. Does all rescue equipment allow for lifting employees vertically from a top opening?</b></p>	<p>Yes <input type="checkbox"/> No <input type="checkbox"/></p>	<p>Comments: _____ _____ _____</p>
<p><b>13. Are there trained personnel in First Aid and CPR immediately available?</b></p>	<p>Yes <input type="checkbox"/> No <input type="checkbox"/></p>	<p>Comments: _____ _____ _____</p>
<p><b>14. Is there an effective communication system in place whenever respiratory equipment is used and the employee in the confined space is out of sight of the standby person?</b></p>	<p>Yes <input type="checkbox"/> No <input type="checkbox"/></p>	<p>Comments: _____ _____ _____</p>

<p><b>15. Is approved respiratory equipment required if the atmosphere inside the confined space cannot be made acceptable?</b></p>	<p>Yes <input type="checkbox"/> No <input type="checkbox"/></p>	<p>Comments: _____ _____ _____</p>
<p><b>16. Is all portable electrical equipment used inside confined spaces either grounded and insulated, or equipped with ground fault protection?</b></p>	<p>Yes <input type="checkbox"/> No <input type="checkbox"/></p>	<p>Comments: _____ _____ _____</p>
<p><b>17. Before gas welding or burning is started in a confined space, are hoses checked for leaks?</b></p>	<p>Yes <input type="checkbox"/> No <input type="checkbox"/></p>	<p>Comments: _____ _____ _____</p>
<p><b>18. Before gas welding or burning is started in a confined space, are compressed gas bottles forbidden inside of the confined space?</b></p>	<p>Yes <input type="checkbox"/> No <input type="checkbox"/></p>	<p>Comments: _____ _____ _____</p>
<p><b>19. Before gas welding or burning is started in a confined space, are torches lighted only outside of the confined area?</b></p>	<p>Yes <input type="checkbox"/> No <input type="checkbox"/></p>	<p>Comments: _____ _____ _____</p>
<p><b>20. Before gas welding or burning is started in a confined space, is the confined area tested for an explosive atmosphere each time before a lighted torch is to be taken into the confined space?</b></p>	<p>Yes <input type="checkbox"/> No <input type="checkbox"/></p>	<p>Comments: _____ _____ _____</p>
<p><b>21. If employees will be using oxygen-consuming equipment--such as salamanders, torches, furnaces,--in a confined space, is sufficient air provided to assure combustion without reducing the oxygen concentration of the atmosphere below 19.5 percent by volume?</b></p>	<p>Yes <input type="checkbox"/> No <input type="checkbox"/></p>	<p>Comments: _____ _____ _____</p>

<p><b>22. Whenever combustion-type equipment is used in confined space, are provisions made to ensure the exhaust gases are vented outside of the enclosure?</b></p>	<p>Yes <input type="checkbox"/> No <input type="checkbox"/></p>	<p><b>Comments:</b> _____ _____ _____</p>
<p><b>23. Is each confined space checked for decaying vegetation or animal matter, which may produce methane?</b></p>	<p>Yes <input type="checkbox"/> No <input type="checkbox"/></p>	<p><b>Comments:</b> _____ _____ _____</p>
<p><b>24. Is the confined space checked for possible industrial waste, which could contain toxic properties?</b></p>	<p>Yes <input type="checkbox"/> No <input type="checkbox"/></p>	<p><b>Comments:</b> _____ _____ _____</p>
<p><b>25. If the confined space is below the ground and near areas where motor vehicles will be operating, is it possible for vehicle exhaust or carbon monoxide to enter the space?</b></p>	<p>Yes <input type="checkbox"/> No <input type="checkbox"/></p>	<p><b>Comments:</b> _____ _____ _____</p>