



CHECKLIST: WORKING ENVIRONMENT				
CRITERIA	YES	NO	N/A	COMMENTS
1. When mobile personnel enclosures are used for detail work or occupied for extended periods of time is heating and air conditioning provided to maintain interior dry bulb temperature above 10°C and below 28°C?				
2. Within permanent and semi-permanent facilities is provision made to maintain temperature within the acceptable range of operative temperatures and humidity?				
3. Are heating and air conditioning systems designed such that air is not directly discharged on personnel?				
4. Is the temperature difference between floor and head level less than 5.5°C?				
5. Is adequate ventilation assured by introducing fresh air into any personnel enclosure?				
6. If the enclosure volume is > to 4.25 m ³ per person is a minimum of 0.85 m ³ per minute of air ventilation introduced into the enclosure?				
7. Is the velocity of ventilation air moving past personnel less than 60 m per minute and where manuals or loose papers are used is airspeed less than 30 m per minute?				
8. Is ventilation or other protective measures provided to keep gases, vapors, dust, and fumes within the permissible exposure limits specified by 29CFR1910?				
9. Is the effective temperature within personnel enclosures used for detail work and/or for extended periods of time maintained at or below 29.5°C and are air conditioning systems designed so that cold-air discharge is not directed on personnel?				
10. Is the humidity regulated so that approximately 45% relative humidity is provided at 21°C?				
11. When special protective clothing or personnel equipment is required and worn is a microclimate between 20°C, 14 mm Hg ambient water vapor pressure and 35°C, 3 mm Hg ambient water vapor pressure maintained?				
12. Are temperature and humidity exposure controlled so that they do not exceed effective temperature limits when corrected for air velocity?				
13. Where hard physical work is to be required for more than two hours is an environment provided that does not exceed a wet bulb or Wet Dry index of 25°C?				
14. Where the wearing of protective clothing systems is required is the Wet Dry index reduced by 5°C for complete chemical and radiation protective clothing and 4°C for intermediate clothing systems?				
15. Is the capability for dimming illumination provided?				
16. Is adequate illumination provided for maintenance tasks?				
17. Is both general and supplemental lighting used as appropriate to ensure that illumination is compatible with each task situation?				
18. Is portable lighting provided for personnel performing visual tasks in areas where fixed illumination is not provided?				
19. Wherever it is necessary for personnel to remain at their machines or station to run or shut down equipment is emergency lighting provided to conform with 29CFR 1910.261(b)7?				



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20. Is emergency lighting provided at stairways, passageways, or aisle ways to be used by personnel for emergency exit?				
21. Is emergency lighting provided in all first aid medical facilities?				
22. For low levels of illumination requiring dark adaptation do labels use white marking on a dark background and for luminance levels below 3.5 cd/M ² is stroke width and letter height increased?				
23. Are personnel provided with an acoustical environment that will not cause personnel injury; will not interfere with communications; will not cause fatigue; or in any way degrade overall system effectiveness?				
24. If hazardous noise conditions exist are warnings posted and hearing protection provided?				
25. Whenever personnel noise exposure equals or exceeds an 8-hour average of 85 dB(A) is there a monitoring program and is hearing protection provided in accordance with OSHA 29CFR1910-95?				
26. Does the noise level in the workspace permit necessary direct (person-to-person) and				
27. Is the noise level compatible with an acceptable acoustical work environment?				
28. Is the noise level less than 75 dB(A) in areas requiring occasional telephone use or occasional direct communication at distances up to 5 ft. (1.5 m)?				
29. Is the noise level less than 65 dB(A) in areas requiring frequent telephone use or occasional direct communication at distances up to 5 ft. (1.5 m)?				
30. Is the noise level less than 55 dB(A) in areas requiring no difficulty with telephone use or occasional direct communication at distances up to 15 ft. (4.6 m)?				
31. Is the noise level less than 45 dB(A) in areas requiring no difficulty with direct communication?				
32. Is the noise level less than 35 dB(A) in areas requiring extreme quiet?				
33. In the design of a work space or facility is the ambient noise level controlled to the extent feasible through effective sound reduction or attenuation to meet the criteria?				
34. Are acoustic materials with high sound absorption coefficients provided as necessary in the construction of floors, walls, and ceiling to affect the required sound control?				
35. In the physical design and layout of rooms and work stations is excessive noise attenuated by staggering walls, doors in corridors or between rooms, and by using thick-paned or double-paned windows?				
36. Where speech communication is a consideration is the acoustical treatment of facilities sufficient to reduce reverberation time?				
37. Are vehicles designed to control the transmission of whole body vibrations to levels that will permit safe operation and maintenance?				
38. Are buildings intended for occupation by humans designed/located to control the transmission of whole body vibration levels as specified by ISO 263 1?				



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39. Where whole body vibrations of the operator or parts of the are not a factor are equipment oscillations controlled so that they do not impair human performance with respect to control manipulations or with respect to the legibility of numerals or letters?				