

## WORK ENVIRONMENT CHECKLIST

Illumination	Yes	No
1. Is the illumination sufficient for the task, per IESNA recommendations?	"	"
a. To increase illumination, are more luminaires provided, rather than increasing the wattage of existing ones?	"	"
2. Is there general lighting, as well as supplementary lighting?	"	"
3. Are the workplace and lighting arranged so as to avoid glare?	"	"
a. Are direct luminaires placed away from the field of vision?	"	"
b. Do the luminaires have baffles or diffusers?	"	"
c. Are work surfaces laid out perpendicular to the luminaires?	"	"
d. Are surfaces matted or nonglossy?	"	"
4. If necessary, are screen filters available for computer monitors?	"	"
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Thermal conditions — Heat	Yes	No
1. Is the worker within the thermal comfort zone?	"	"
a. If not within the thermal comfort zone, has the WBGT of the working environment been measured?	"	"
2. Are the thermal conditions within ASHRAE guidelines?	"	"
a. If not within guidelines, is sufficient recovery time provided?	"	"
3. Are procedures in place for the control of potential heat stress conditions?	"	"
a. Is the escape of heat controlled at the source?	"	"
b. Are radiation shields in place?	"	"
c. Is ventilation provided?	"	"
d. Is the air dehumidified?	"	"
e. Is air-conditioning provided?	"	"
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Thermal conditions — Cold	Yes	No
1. Is the worker adequately clothed for the equivalent wind chill temperature?	"	"
2. Are auxiliary heaters provided?	"	"
3. Are gloves provided?	"	"
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Ventilation	Yes	No
1. Are ventilation levels acceptable, per guidelines?	"	"
a. Is a minimum of 300 ft <sup>3</sup> /hour/person provided?	"	"
2. If necessary, are local fans provided for workers?	"	"
a. Are these fans within a distance of 30 × fan-diameter?	"	"
3. For local heat sources, is spot cooling provided?	"	"
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Noise Levels	Yes	No
1. Are noise levels below 90 dBA?	"	"
a. If the noise levels exceed 90 dBA, is there sufficient rest such that the 8-hour dose is less than 100%?	"	"
2. Are noise control measures in place?	"	"
a. Is the noise controlled at the source with better maintenance, mufflers, & rubber mounts?	"	"
b. Is the noise source isolated?	"	"
c. Are acoustical treatments being utilized?	"	"
d. As a last resort, are earplugs (or earmuffs) being used properly?	"	"
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Vibration	Yes	No
1. Are vibration levels within acceptable ANSI standards?	"	"
2. If there is vibration, can the vibration-causing sources be eliminated?	"	"
3. Have specially dampened seats been installed on vehicles?	"	"
4. Have vibration absorbing handles been attached to power tools?	"	"

5. Have resilient, fatigue-resistant mats been supplied to standing operators? " "