



**US Army Corps  
of Engineers**  
Mobile District

# Safety Bulletin

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**Mobile District  
Safety and Occupational  
Health Office**

## Machinery and Mechanical Equipment

So now we'll go back out to the field. Lately, we've been seeing equipment brought onto a site without having been inspected. Section 16 in the new EM 385-1-1 reflects some changes as pertaining to MACHINERY AND MECHANIZED EQUIPMENT and associated requirements.

### 16.A.GENERAL

16.A.01 Before any machinery or mechanized equipment is placed in use, it shall be inspected and tested in accordance with the manufacturer's recommendations and requirements of this manual and shall be certified in writing by a competent person to meet the manufacturer's recommendations and require-



ments of this manual. Subsequent reinspections will be conducted at least annually thereafter. All safety deficiencies noted during the inspection shall be corrected prior to the equipment being placed in service at the project. If at anytime, the machinery or mechanized equipment is removed and subsequently returned to the project (other than equipment removed for routine off-site operations as part of the project), it shall be reinspected and recertified prior to use.

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## OSHA Computer Workstations eTool

Millions of people work with computers every day. This eTool illustrates simple, inexpensive principles that will help you create a safe and comfortable computer workstation. There is no single "correct" posture or arrangement of components that will fit everyone. However, there are basic design goals to consider when setting up a computer workstation or performing computer-related tasks.

Consider your workstation as you read through each section and see if you can identify areas for improvement in posture, component placement, or work environment. This eTool provides suggestions to minimize or eliminate identified problems, and allows you to create your own "custom-fit" computer workstation.

### Did You Know?

There are 500,000 eye injuries every year in the USA. The leading cause of blindness in children is eye injury. 90% of injuries can be avoided by using proper eye protection.



Click on this picture to visit the OSHA website and learn more about Computer Workstation Ergonomics.



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**MOBILE DISTRICT  
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## Electrical Safety in the Home

Cords, plugs and overloaded appliances plugs or electrical outlets can cause electrical fires. Unplug small appliances when not in use, before cleaning, and never dip them into water. Frayed/damaged cords can cause electric shock or electrocution and avoid running them under throw rugs or carpeting. Buy NRTL (National Recognized Testing Laboratory) accredited appliances as they meet NRTL safety standards and are OSHA accepted. The following are some basic but important safety tips:

- Do not use an electrical appliance in a damp or wet area. Use Ground Fault Circuit Interrupters (GFCI) at outlets near water. They prevent electrocution by shutting off the current to a circuit when there is a short.
- Never allow children to play with outlets. Place "child proof" devices on all outlets.
- Don't overload electrical outlets. If you must use an extension cord temporarily, match the amperage and wattage limits of the cord and appliance, and do not use damaged cords.
- Keep household appliances in good working order. Never carry appliances by the cords, and remove cords from outlets by pulling on the plug head. Don't run cords under rugs or furniture; they could become damaged or overheated.
- Don't overload electric outlets with too many plugs.
- Avoid using extension cords to connect a light or appliance permanently.
- Check the amperage rating for an extension cord to make sure it is greater than, or equal to, the tool or appliance you will be using.



## Machinery and Mechanical Equipment, continued from page 1



a. The contractor shall keep records of tests and inspections. These records shall be made available in a timely manner upon request of the GDA and, when submitted, shall become part of the official project file.

b. The Contractor shall provide the GDA ample notice in advance of any equipment entering the site so that he/she may observe the Contractor's inspection process and so that spot checks may be conducted.



In Mobile, we inspect using the SAD Form 1666 as appropriate to the type of equipment being inspected. These forms are available on our web site.....

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