FIRE HAZARDS

**electrical hazards**

- Damaged wiring
- Damaged plugs
- Damp or wet wires
- Overloaded motors
- Broken switches, outlets or sockets
- Problems with lighting fixtures
- Faulty heating elements
- Overloaded circuits
- Liquids near computers
- Computers without surge protectors

**housekeeping hazards**

- Piles of scrap, waste materials, and trash
- Sawdust, metal or plastic powder that can form an explosive mixture with air
- Obstructed aisles
- Blocked emergency exits
- Material covering up fire extinguishers, exit signs, and alarms
- Blocked sprinkler heads

**friction hazards**

- Hot bearings
- Misaligned or broken machine parts
- Choking or jamming materials
- Poor adjustment of moving parts
- Inadequate lubrication

**process or operation-related hazards**

- Cutting and welding operations, which use open flames and produce sparks
- Molten metal, which can ignite combustibles or fall into cracks and start a fire that might not erupt until after the work is done
- Processes that heat materials to high temperatures
- Drying operations where materials in dryers can overheat
- Grinding operations that produce sparks and dust
- Processes in which flammable vapors are released
storage hazards

• Materials stacked too high blocking sprinkler heads (need 18-inches clearance from head)
• Flammable or combustible materials stored too close to heat sources
• Flammable materials not stored in special containers and cabinets
  Inadequate ventilation in storage areas
• Materials that might react with one another stored together
• Materials stored in damaged containers
• Materials stored in unlabeled containers
• Containers not tightly sealed

smoking hazards

• Ignoring "No Smoking" signs
• Smoking around flammable or combustible materials
• Throwing matches and cigarettes or cigars on tables or workbenches
• Tossing butts on the floor or grass without properly extinguishing them in an ashtray or ash can
• Tossing lighted butts or matches out windows or doors
• Smoking in bed
• Leaving a cigarette/cigar unattended
• Smoking in areas where there is an accumulation of sawdust, plastic or metal powders that may become explosive