1. Electrical Safety:
   __ Improper use of extension cords (i.e., as permanent wiring, small ampere cords)
   __ Unsafe placement of extension cords (i.e., cords in walkways, above ceiling tiles)
   __ Electrical cord is frayed/deteriorated (i.e., bare wires, cord crimped)
   __ Electrical outlet overloaded (i.e., multiple equipment plugs connected to wall outlet)
   __ Outlet cover plate/electrical panel cover missing
   __ Inadequate emergency shutdown equipment
   __ Ungrounded electrical equipment (i.e., ground wire removed from cord plug)
   __ Electrical panel access blocked
   __ Improper use of electrical power strips (i.e., over current protector strips piggybacked,
     power strip connected to extension cord)
   __ Lockout/Tagout procedures in place

2. Personal Protective Equipment:
   __ Hearing protection inadequate
   __ Face/eye protection inadequate
   __ Head protection inadequate
   __ Foot protection inadequate
   __ Hand protection inadequate
   __ Respirator use inadequate

3. Fire/Life Safety:
   __ Fire extinguisher needs servicing
   __ Fire extinguisher not mounted
   __ Fire extinguisher/fire hose cabinet not accessible
   __ Exit not marked/exit sign not illuminated
   __ Inadequate/inoperative emergency lighting
   __ Egress route blocked
   __ Sprinkler head damaged
   __ Storage less than 18” below sprinkler head
   __ Storage less than 24” below ceiling
   __ Improper/inadequate warning signs/markings
   __ Fire wall/floor penetration not fire rated
   __ Fire door/hardware inadequate (i.e., no door closure installed)
   __ Pull station is blocked/damaged/needed
   __ Smoke/heat detector is damaged/obstructed/needed
   __ Horn/light unit is damaged/needed
   __ Ceiling tiles are missing/not in place or damaged
4. Compressed Gas Cylinders:
   __Improperly secured cylinder(s)
   __Improper storage (i.e., empty and full cylinders stored together)
   __No label/identification on cylinder
   __Valve protector cap missing when cylinder not in use
   __Improper/damaged hose

5. Chemical Safety:
   __Secondary container not properly labeled
   __Open container (i.e., container cap/drum bung is not secured)
   __Improper storage of chemicals (i.e., flammable/combustible container stored near heat source, chemicals stored on high shelves; chemicals not stored by hazard class)
   __Excessive quantity of chemicals outside of storage cabinet/storage room (generally 50 gallons max.)
   __Excessive quantity of flammable/combustible liquids in work area (generally 300 gallons max.)
   __Improper disposal of waste materials
   __Unsafe dispensing of flammable/combustible liquids (i.e., no grounding of containers)
   __Inadequate emergency eyewash/shower equipment
   __Gasoline container not safety approved

6. Occupational Health:
   __Food/drinks are stored/consumed near chemicals
   __Lack of ergonomic work practices (i.e., material handling, equipment placement)
   __Inadequate sanitation facilities (i.e., lack of hand washing facility)

7. Machinery Safety:
   __Belt guard missing or not in place
   __Unguarded point of operation
   __Inadequate cleaning of equipment
   __Power/operating controls unsafe
   __Inadequate supplemental safety device (i.e., kickback protection, spreader)
   __Work rest of grinder more than 1/8” from wheel
   __Grinding wheel guard missing or guard tongue more than ¼” from the wheel
   __Lockout/Tagout procedures in place

8. General Safety:
   __Inadequate ventilation of work area/work surface/storage area
   __Compressed air greater than 30 psi used for personal cleaning
   __Excessive storage of boxes/equipment/papers
   __Oil on floor
   __General housekeeping needed
   __Handrail/guardrail is missing/improper/damaged
   __Toe board is missing/damaged
   __Unsafe stairs
Ladder deteriorated/unsafe use (i.e., metal/aluminum ladder used in electrical area)
Unsafe use of heating device (i.e., used near flammable(combustible liquids)
Smoking in prohibited area
Excessive noise in work area/lack of engineering controls to reduce noise
Inadequate signage to warn of safety hazards (i.e., radiation hazard, laser in use, low head clearance)
Floor opening not covered/barricaded
Fan blade guard opening more than ½”
Inadequate ventilation for charging batteries
Improper storage of propane cylinder (i.e., > 2 lbs stored inside building)
Inappropriate work attire (i.e., loose clothing or jewelry worn when using machinery with rotating parts)
Shop security

9. Welding/Cutting:
- Fire resistant curtain/shield needed
- Local ventilation inadequate
- Oxygen and fuel gas cylinders not separated by at least 20 feet
- Cylinder stored less than 20 feet from highly combustible materials
- Flashback protection not installed in hoses
- Acetylene cylinder not stored/used in upright position
- Cylinder not secured properly

10. Hoists/Cranes:
- Rope/chain has excessive wear and abrasions
- Hooks/ropes/chains are twisted/cracked
- Equipment needs inspection by qualified person

11. Hand/Portable, Tools/Equipment:
- Tools/equipment not properly stored
- Tools/equipment worn or deteriorated
- Tools/equipment not properly maintained
- Tools/equipment not grounded

12. Forklift Operations:
- Unattended forklift not shut off/load not lowered/brake not set
- Backup warning device not operational
- Unsafe operation of forklift (i.e., person riding on forks)
- Ventilation of engine exhaust inadequate
- Propane powered forklift stored inside building when not in use

13. Dip Tanks:
- Tank not properly ventilated
- Tank uncovered when not in use
- Ignition sources near tank
- No fire suppression system on tank greater than 150 gallons
14. Spray Finishing Operations:
   __Ignition sources within 20 feet of spraying area
   __Work area needs cleaning
   __Unsafe transfer of flammable/combustible liquids
   __“No Smoking” signs not posted
   __Sprinkler head not protected
   __Inadequate work area ventilation

15. Magnetic Resonance System:
   __Cryogenic liquids improperly stored/handled
   __Access to magnet area not restricted/secured to authorized persons only
   __5 Gauss warning line not designated (10-15 feet from magnet)
   __Inadequate safety for high voltage sources
   __No “kill switch” for emergency use
   __Inadequate warning signs

16. Other
   __Keys in ignition of heavy equipment when not in use.