Check List	Building Num:	Date:
Check List	Danamy Ham	

Checklist Title: Compressed Gases/Welding

	inpressed Gases/Weiding			C	A -4
C/A Description	Question	Yes	No	Score	Action
1910.101(a)	Are compressed gas cylinders hydrostatically inspected within appropriate times in accordance with DOT or CGA?				
1910.101(a)	Are all compressed gas cylinders in service or in storage properly secured?				
1910.101(a)	Are cylinders free of rust?				
1910.101(a)	Are cylinder bottoms free of corrosion?				
1910.101(b)	Are oxidizer gases (ie. oxygen) stored at least 7 feet away from flammable liquid storage cabinets, flammable liquids, or flammable gases?				
1910.101(b)	Are compressed gas cylinders handled in accordance with CGA (adequately secured while being handled)?				
1910.101(b)	Do compressed gas cylinders have valve protection caps while in storage or during handling?				
1910.101(b)	Is tubing used for transfer of gas from cylinders free from exposure to physical hazards?				
1910.101(b)	Is gas piping not in use, tagged "Not in Service"?				
1910.101(b)	Are regulators removed from cylinders when not in use?				
1910.102(a)	Are acetylene tanks connected, but not in use?				
1910.103(b)(2)(ii)(d)	Is Hydrogen stored greater than 20 feet from oxidizing gases, greater than 25 feet from ordinary electrical, and greater than 50 feet from other flammable gas storage?				
1910.103(c)(3)(iii)(d)	Are sources of ignition absent from areas where hydrogen cylinders are changed out (are wrenches non sparking)?				
1910.252(a)(2)(i)	Are oxygen/acetylene systems stored away from flammable materials?				

Check List	Building Num:	Date:

Checklist Title: Compressed Gases/Welding

C/A Description	Question			Score	Action
		Yes	No		
1910.252(a)(2)(i)	Are oxygen/acetylene systems free of oil and grease?				
1910.253(b)(4)(iii)	Are oxygen/fuel gas cylinders stored at least 20 feet from highly combustible material or seperated by a non-combustible barrier at least 5 feet high having a fire resistance rating of at least one-half hour?				
1910.253(b)(5)(ii)(D)	Do compressed gas cylinders on a hand cart have their regulators removed? (Cylinders must have regulator removed and caps in place before being moved with a cart or be secured to a special cylinder cart)				Secure cylinders
1910.254(d)(9)(i)	Is the insulation material intact on welding machine rod holders?				

Check List	Building Num:	Date:

Checklist Title: Dipping and Coating

C/A Description	Question			Score	Action
		Yes	No		
1910.124(g)(1)	Is a locker or other storage space provided to prevent contamination of the employee's street clothing where chemicals in use are irritants?				
1910.124(g)(2)	Is an emergency shower and eye wash station close to the dipping or coating operation?				
1910.124(h)	Do employees with sores, burns, or other skin lesions that require medical attention have a physician's approval before working in a vapor area?				

Check List	Building Num:	Date:
Check List	Danamy Ham	

Checklist Title: Electrical

Checklist Title. Lie					1
C/A Description	Question	Yes	No	Score	Action
		Yes	NO		
	Are there flammable gas cylinders (would make lab Class 1 Division 2) stored away from electrical panels?				
	Are electrical outlet installations in Lab hoods (where the hazard of combustibility and flammability of vapors, liquids, gases and dusts exists) approved for a hazardous location?				
	Is the lighting provided in Lab hoods approved for hazardous (Class 1, Division 1) locations?				
1910.303(a)(2)(i)	Is the dead front in the electrical disconnect panel secure? (this would expose person to possible shock)				
1910.303(b)(1)	Are extension cords free of addional tape wrapping which could prevent auditors from examining the condition of the cord?				
1910.303(b)(1)	Is the wire insulation on equipment and extension cords intact?				
1910.303(b)(1)	Are all knockout plugs, which are not being used, in place in electrical boxes?				
1910.303(b)(1)	Are anti restart devices operable?				
1910.303(b)(1)	Are GFCIs wired correctly?				
1910.303(b)(1)	Are all outlets within 6 feet of a water source GFCI protected (check inside fume hoods)?				
1910.303(b)(1)	Are fluorescent light covers secure?				
1910.303(b)(2)	Are latches on electricl panels in working condition?				
1910.303(b)(2)	Do all electrical devices that operate in an area with pressurized flammable gases have three prong plugs?				
1910.303(b)(2)	Are electrical devices used in scientific/industrial work rated for industrial purposes (have three prong plug)?				
1910.303(b)(2)	Are high amperage loads (refrigerators) plugged into approved and appropriate outlets? (Not plugged into power strips)				

Check List	Building Num:	Date:	
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Checklist Title: Electrical

Checklist Title. Lie					
C/A Description	Question			Score	Action
		Yes	No		
1910.303(b)(2)	Are devices plugged into power strips within the amp rating of the power strip?				
1910.303(c)	Are all splices in electrical cords covered with an insulation equivalent to that of the conductor?				
1910.303(f)	Are electrical control panels / disconnects marked with a durable means to indicate its purpose?				
1910.303(g)(1) (ii)	Are switch/breaker boxes clear of obstructions?				
1910.303(g)(1)(i)	Is the working space in front of electrical panels (front or side panels) clear of obstruction for 36 inches?				
1910.303(g)(1)(v)	Is illumination provided in the area where electrical connections are located?				
1910.303(g)(2)(i)	Are light bulbs protected by cages or enclosures				
1910.303(g)(2)(i)(D)	Are fluorescent bulbs protected by plastic sleeves if they are less than 7 feet above the floor?				
1910.303(g)(2)(ii)	Are equipment specific lights mounted on equipment protected from physical damage?				
1910.305(a)(2)(iii)(G)	Are flexible cords protected from sharp edges where they pass through sharp edges in equipment?				
1910.305(b)(1)	Are unused openings in electrical cabinets, boxes, or fittings effectively closed?				
1910.305(g)(1)(iii)(A)	Is fixed wiring used instead of power strips or extension cords where appropriate?				
1910.305(g)(1)(iii)(B)	Does fixed wiring run through walls, ceilings or floors instead of flexible cords?				
1910.305(i)(2)(ii)	Are any electrical outlets (not approved for wet locations) seperated, away from, under, or near emergency showers?				

Check List	Building Num:	Date:

Checklist Title: Electrical

C/A Description	Question			Score	Action
		Yes	No		
1910.305(j)(1)(ii)	Are handlamps of the portable type supplied through flexible cords equipped with guards?				
1910.305(j)(2)(ii)	Are outlets installed in wet or damp locations or where water is used to wash down floors and walls have water tight face plates?				

Check List	Building Num:	Date:	

Checklist Title: Exit Routes, Emer. Plans, Etc.

C/A Description	Question			Score	Action
-		Yes	No		
1910.36(b)(1)	Are the lights in the exit signs working?				
1910.36(b)(1)	Are at least two routes available to permit prompt evacuation of employees and other building occupants during an emergency?				
1910.36(b)(2)	Are exits clearly marked to read "Exit"				
1910.36(b)(4)	Are exits routes clearly marked?				
1910.36(b)(5)	Are exit signs free of obstructions so that they are totally visible?				
1910.36(d)(1	Are exit route doors free of obstructions?				
1910.36(d)(1)	Are exit route doors able to be opened without difficulty from the inside of the room at all times?				
1910.36(g)(4)	Are exit aisleways at least 28 inches in width				
1910.36(h)(3)	Are outside entrance and exit pads in good and level condition?				
1910.38(a)	Do all rooms have evacuation routes, and are they posted?				

Check List	Building Num:	Date:

Checklist Title: Fixed Ladders

C/A Description	Question			Score	Action
		Yes	No		
1910.27(b)(2)	Do fixed ladders have side rails?				
1910.27(b)(2)	Do the side rails on the fixed ladder afford an adequate grip?				
1910.27(c)(4)	Is the distance from the centerline of rungs, cleats, or steps to the nearest permanent object in the back of the fixed ladder measure at least 7 inches?				
1910.27(c)(7)	Do hatch covers over fixed ladders provide a minimum of 24 inches of unobstructed clearance between the hatch cover and the center line of the ladder rungs?				
1910.27(d)(1)(v)	Are the vertical bars on ladder cages spaced greater than 9.5 inches apart, center to center?				

Check List	Building Num:	Date:

Checklist Title: Fixed Stairs

C/A Description	Question			Score	Action
•		Yes	No		
1910.24(c)	Are stairways in good condition?				
1910.24(e)	Are stairs insalled between 30 and 50 degrees to the horizontal?				
1910.24(f)	Are stair treads in good condition, and uniform with other treads?				
1910.24(f)	Is the rise and tread of each step uniform on the stairway?				
1910.24(i)	Do stairway have a vertical clearance of at least 7 feet?				

Check List	Building Num:	Date:

Checklist Title: Flamable Liquids

C/A Description	Question			Score	Action
		Yes	No		
1910.106(d)(3)(ii)(A)	Are the handles on Flammable liquid storage cabinets working?				
1910.106(d)(7)(i)	Are there fire extinguishers or other means of fire protection near Flammable liquid storage cabinets?				
1910.106(e)(2)(ii)(b) (2)	Are quantities of class II and III Liquids stored inside a storage room or cabinet within OSHA limits? (pump oil)				
1910.110(b)(10)(x)	Are liquid petroleum safety relief valves marked with the Container type, the pressure at which the valve is set to discharge, and the actual rate of discharge, the manufacturers name and catalog number?				
1910.110(b)(6)(vi)	Is readily ignitable material, such as weeds and long dry grass, removed from within 10 feet of LP gas storage tanks?				

Check List	Building Num:	Date:
Check List	Danamy Ham	

Checklist Title: General Env. Controls & First Aid

C/A Description	Question	Yes	No	Score	Action
	Are fire extinguishers unobstructed?				
	Are eyewash facilities available for employees who work with corrosives?				
1910.141(g)(4)	Are food items excluded or prohibited from being stored, or consumed in the laboratory?				
1910.146(c)(1)	Have HVAC units and ductwork been evaluated to determine if the space was a permit required confined space?				
1910.146(c)(2)	Are permit required confined spaces marked with danger signs that read "Danger Permit Required Confined Space, Do not Enter"?				
1910.146(c)(2)	Are storm water retention pits (manholes) marked with danger signs "Danger Permit Required Confined Space, Do not Enter"?				
1910.147(c)(5)(ii)	Are legacy Lock Out devices on equipment removed?				
1910.151(c)	Are eyewashes checked annually for flow rates and mechanical integrity?				
1910.151(c)	Are Safety Showers activated weekly (ANSI Z358.1-1998) and checked annually for flow rates and mechanical integrity?				
5(a)(1)	Are Safety Shower heads located 84 inches from the floor?				

Check List	Building Num:	Date:

Checklist Title: Guarding openings and holes

C/A Description	Question			Score	Action
		Yes	No		
1910.23(a)(5)	Are trench openings protected on all sides by removable standard railings?				
1910.23(a)(7)	Are temporary floor openings protected on all sides by removable standard railings or constantly attended by someone?				
1910.23(a)(8)	Are floor pit covers intact or free of openings that present trip hazards?				
1910.23(a)(9)	Do floor hole or pit covers completely cover the opening?				
1910.23(c)(1)	Are openings, open-sided floors or platforms 4 feet or more above ground level guarded by a standard railing or equivalent?				
1910.23(d)(1)	Where handrails are provided on stairs, are handrails provided for on both sides?				
1910.23(e)(1)	Are the guard rails provided 42 inches in height?				

Check List	Building Num:	Date:

Checklist Title: Machine Guarding & Machinery

C/A Description	Question			Score	Action
		Yes	No		
1910.215(b)(9)	Is the distance between the abrasive wheel and the adjustable tongue guard less than 1/4 inch?				
1910.212(a)(1)	Are machines guarded against employee nip points?				
1910.212(a)(3)(ii)	Are saws provided guards for the unused portion of blade?				
1910.212(a)(3)(ii)	Do centrifuge lids have interlocks to protect employees from opening lid and being exposed to moving parts?				
1910.212(a)(4)	Are revolving drums, barrels, and containers guarded by an interlocked enclosure mechanism so that the device cannot rotate unless the guard is in place.				
1910.212(a)(5)	Are fan blades less than 7 feet above the floor guarded?				
1910.212(b)	Are machines designed for a fixed location securely anchored to prevent walking or moving?				
1910.212(b)	Is equipment safely anchored (bench grinders, drill presses, etc)?				
1910.212(h)(3)	Do the saw blades of radial arm saws travel only within the edges of the table?				
1910.212(h)(4)	Do radial saws return to starting position when released?				
1910.213(b)(3)	Are provisions in place to prevent machines from restarting after a power failure?				
1910.213(h)(1)	Do blade guards remain in contact with stock being cut?				
1910.215(a)(2	Do safety guards for off hand grinders cover the spindle end, nut, and flange projections?				
1910.215(d)(1)	Are abrasive wheels ring tested prior to mounting a new wheel?				
1910.219(e)(3)	Are vertical and inclined belts and pulleys enclosed by guards?				

			1
Check List	Building Num:	Date:	

Checklist Title: Machine Guarding & Machinery

C/A Description	Question			Score	Action
		Yes	No		
1910.219(e)(3)(i)	Are belt and pulley guard openings less than 0.5 inches				Fix or replace guard
1910.242(a)	Are workbench vices securely fastened to the bench?				
1910.242(b)	Is compressed air used for cleaning purposes reduced to 30 psi (does the nozzle have relief holes that reduce pressure)?				
1910.243(b)(2)	Are compressed air hoses repaired with appropriate clamps? (not water hose clamps)				

Check List	Building Num:	Date:	

Checklist Title: Means of egress - General

C/A Description	Question	Yes	No	Score	Action
1910.37(a)	Are exit signs provided on doors leading to the outside?				
1910.37(a)(3)	Are exit doors unobstructed?				
1910.37(a)(3)	Is the means of exit through another room prevented from being locked?				
1910.37(a)(4)	Are door knobs on exit doors in working order?				
1910.37(b)(1)	Is emergency lighting provided to light the exit path to exits?				
1910.37(b)(1)	If an illuminated exit sign is required for this location, is it in place and in working condition?				
1910.37(b)(2)	Is each exit clearly marked by a sign reading "Exit"?				
1910.37(b)(4)	Are overhead exit signs facing the correct way?				
1910.37(b)(5)	Are doors that are not exits, but may be mistaken for exits, marked "Not an Exit"				
1910.37(b)(6)	Are emergency exit lights above doorways working?				
1910.37(k)(2)	Are stairways free of obstructions?				
1910.39(c)(2)	Are procedures adequate to control combustible waste materials next to buildings (weeds, cardboard)?				

Check List	Building Num:	Date:	

Checklist Title: Noise

C/A Description	Question	Yes	No	Score	Action
1910.95(d)(1)	Is Noise monitoring conducted where information indicated that exposure may exceed an 8 hour time weighted average of 85 dba?				
1910.95(g)(6)	Are employees in the hearing conservation protocol given annual audiograms?				
1910.95(I)(1)	Is the noise standard posted in areas where high noise levels exist during operations?				

Check List	Building Num:	Date:	

Checklist Title: Personal Protective Equip.

C/A Description	Question			Score	Action
		Yes	No		
1910.132(a)	Are Safety Glasses, face shields, etc. stored securely and properly to protect against dirt and scratches?				
1910.132(a)	Are employees working in shops or service stations wearing eye protection while working?				
1910.132(d)(1)	Has a hazard assesment been performed for PPE (hard hats) where structures (ie.sprinkler heads and pipes) are at heights below 80 inches?				
1910.132(d)(1)(i)	Are employees using the correct protective gloves when handling chemicals?				
1910.133(a)(1)	Are employees using Chemical splash goggles when manipulating hazardous liquid chemicals (ie. acids, bases, caustics, oxidizers)?				
1910.134(h)(2)(i)	Are respirators stored in areas where they can not become contaminated?				

Check List	Building Num:	Date:

Checklist Title: Portable Fire Extinguishers

C/A Description	Question			Score	Action
-		Yes	No		
	Are fire extinguishers located so that the travel distance to any extinguisher is 75 feet or less?				
1910.157(c)(1)	Are the fire extinguishers labeled so as to be readily accessible?				
1910.157(c)(1)	Are portable fire extinguishers properly mounted?				
1910.157(c)(1)	Is there a method of identification showing where the fire extinguishers are located in the room?				
1910.157(d)(1)	Are fire extinguishers in a room with electrical equipment not filled with water?				

Check List	Building Num:	Date:
Check List		

Checklist Title: Toxic & Hazardous Substances

C/A Description	Question	Yes	No	Score	Action
	Is lead-free solder used?				Substitute with lead free solder
1910.1001(j)(4)(i)	Are pipe chases containing encapsulated asbestos posted with warning signs?				
1910.1001(j)(4)(i)	Are signs posted to notify employees that they are entering an area where pipe insulation contains asbestos?				
1910.1025(h)(1)	If lead solder is used, are soldering benches wipe tested to ensure they are maintained as free as practicle of accumulations of lead?				Contact IH Group to obtain wipe testing and cleaning strategy.
1910.1025(h)(1)	If lead solder is used, are employees prohibited from eating or drinking in the room?				Prohibit eating or drinking in room.
1910.1200(f)(5	Are containers of hazardous material labeled with the identity of the rmaterial?				
1910.1200(g)(8)	Do all employees have access to the on-line MSDS system in their workplace?				
1910.1200(g)(8)	Do all chemical substances in the workplace have MSDS sheets in the on-line system?				Contact CMS/MSDS Group to correct.
1910.1450(e)(3)(iii)	Are chemical fume hoods free from extraneous stored material?				
5(a)(1)	Do areas where liquid nitrogen tanks are used and stored have adequate ventilation or oxygen sensors?				

Check List	Building Num:	Date:	

Checklist Title: Trucks & Cranes

C/A Description	Question			Score	Action
		Yes	No		
1910.179(j)(3)	Are hoist inspections current?				
10.178(q)(7)	Are Industrial trucks examined and recorded before being placed into service (ie daily inspection)?				
1910.179(c)(2)	Are bridge sweeps located on the bridge or trolley?				
1910.179(e)(4)	Are cranes equipped with properly adjusted rail sweeps?				
1910.179(g)(5)(iii)	Are overhead cranes provided with disconnects on the bridge?				
1910.184(e)(3)(ii)	Are steel alloy chains inspected and recorded?				
1910.184(h)(5)(iii)	Are only undamaged slings in service?				

Check List	Building Num:	Date:

Checklist Title: Walking-Working Surfaces

C/A Description	Question	Yes	No	Score	Action
1910.22(a)(1)	Are walkway areas free of stored equipment or boxes which extend into the walkway and which poses an obstruction?				
1910.22(a)(1)	Are tops of cabinets and shelves free from the hazard of falling objects?				
1910.22(a)(1)	Are tops of flammable storage cabinets free of stored material?				
1910.22(a)(1)	Are ventilation hoods in sanitary condition and free of excessive debris, equipment, and storage of chemicals?				
1910.22(a)(1)	Are sinks in sanitary condition and free of excessive debris and materials?				
1910.22(a)(1)	Is houskeeping in order in closets and storage areas?				
1910.22(a)(1)	Are all places of employment, passageways, storerooms, labs, shops, and service rooms kept clean, orderly and in a sanitary condition (free of excessive clutter, dirt, chemicals, and equipment)?				
1910.22(a)(2)	Is the floor of the work area free of liquids?				
1910.22(a)(3)	Are all coverings over holes or pits even with the existing floor surface?				
1910.22(b)(1)	Is the area being inspected free of trip hazards?				
1910.22(b)(1)	Are floors free of protrusions which create a trip hazard.				
1910.22(d)(1)	Are all mezzanines, balconies, or overhead storage areas legibly marked with load ratings?				
1910.22(d)(1)	Are all loads approved by building officials marked on plates of approved design and posted in a conspicious place?				
1910.22(d)(1)	Is overhead storage stable?				

Check List	Building Num:	Date:

Checklist Title: Walking-Working Surfaces

C/A Description	Question			Score	Action
		Yes	No		
1910.22(d)(1)	Are all mezzanines, balconies or overhead storage areas provided with a MAX floor rating?				
1910.22(e)	Are all holes or pits in the floor properly covered?				