PPE SELECTION TABLE

PPE	Selection	Inspection/Use	Care/Storage
Safety Glasses (impact)	Include prescription Side protection ANSI – Z87.1 or Z87-2 (+) for prescription marked on all components (3mm thick, protect from 1" diameter steel ball dropped 50")	Make sure the glasses are clean Not compromised with fractures/scratches Joints are good Side shield intact & secure Not hazy	Clean with water or glasses cleaner Case or holder
Goggles (splash)	Flexible frame with adjustable strap Vented ANSI – Z87.1	Makes sure the goggles are clean Not scratched up Strap is not torn or over stretched	Wash in mild soap & water/rinse/dry Store in original box or zip lock bag Place where it will not lose shape
Face Shield (assists glasses or goggles)	Cover entire face Leaves room for glasses or goggles Adjustable head strap ANSI – Z87.1	Make sure the face shield is clean Check for tears in the head-piece Check for cracks in the face-piece Fit snug so it does not drop, not hazy	Wipe clean with mild soap & water Store face down in baggy Do not place heavy objects on top
Filter Lenses (shield/goggle)	Select the protective shade number appropriate for work being done. Use table 1910.133 (a)(5) Rule of thumb-start with shade too dark and then go to lighter shade Select face protection where indicated (shield) ANSI – Z87.1	Make sure there are not cracks or scrapes in the filter lens that may allow light to pass through. Check for tears in the strap or head-piece Adjust so that the PPE fits snug and will not move while working	Wipe clean with mild soap & water and non-abrasive cloth Hanging position is recommended to protect face shield from scratches
Helmet & Bump-Cap	If electrical shock is possible, use helmet designed to reduce shock Helmet should be designed to protect against impact and penetration ANSI – Z89.1 Class G (A) – low voltage (2,200 volts) Class E (B) – 20,000 volts Class C – non-electrical hazard <u>New Classification</u> Type 1 – full brims, Type 2 – peak no brim Helmet should have adjustable head strap May have accessory chin strap	Check the helmet for cracks, chips or holes Check head strap for tears Adjust head strap so that the head strap fits snug and allows normal head movement Use chin strap to reduce movement of the helmet <u>Note:</u> wear as designed; do not reverse helmet or strap. This will void the certification and put the person at risk	Wipe clean with mild soap & water Store so that the head strap does not lose its shape Do not apply paint, solvents or decals

PPE	Selection	Don/Doff	Care/Storage
Footwear	Shoe or boot should be designed to protect against falling or rolling objects (steel toes), piercing the sole, electrical shock and have an anti-slip sole for oil or greases Metatarsal protection, Static Impact – I/75, I/50, I/30 (pounds) Compression – C/75=2500, C/50=1750, C/30=1000 (pounds) F-female, M-male PR-puncture resistant MT-metatarsal protection Cd-conductive, EH electrical hazard SD-static dissipative ANSI Z41.1	Check to make sure that protective metal in the steel toe or sole is not protruding The tread should not be worn down, bald or cracked Laces should be in good shape Follow manufacturer's specifications	Clean with shoe cleaner as needed Store in clean area and do not rest heavy objects on the shoes to avoid disfiguring Follow manufacturer's specifications
Gloves for Chemical use & Biological use	Use a glove chart to match the glove material with the chemical being used Use MSDS information (skin notation) Make sure the glove material is compatible Select a glove size that will allow good dexterity, will cover the hand with out tearing, is not too loose	Check for holes or leaks by blowing air into the glove prior to use When removing gloves, roll the first glove to the end of the fingers and use it to grasp the second glove, roll them off inside-out to contain contamination	Many gloves are disposable, for non-disposable wash in a mild soap, allow them to dry and place them on a flat surface Avoid extreme temperatures Discard damaged or stained gloves
Gloves for Thermal, Electrical and Physical Hazards	For exposure to cryogenic agents, extreme heat or electricity, select gloves that are compatible with the hazard and are gauntlet type to protect the lower arm For physical hazards, select gloves that are difficult to penetrate These gloves are generally reusable	Visually inspect for holes, tears or disintegration	If gloves are made of a material that can be washed – clean with a mild soap and dry For gloves that can not be washed, shake or gently slap them together. Store in a dry place
Body	Aprons, Coveralls, Sleeves, Lab Coats, Tyvek Suits, Saranex Suits	Visual inspection for holes, tears, stains and deposits	Properly discard disposable whole body clothing Launder non-disposable or reusable garments separate from other clothes Store in a clean and dry location