Appendix 14-A1
Personal Protective Equipment Matrix

Required for work on or near energized electrical circuits (AC)

Voltage	Risk Potential	Glasses	Full Body Flash Suit	Area Barricade	Insulated Tools	Rubber Gloves	Face Shield	Lab Coat	Insulated Floor Mat
< 50v	All Conditions	X							
50 to 250v	Electrical circuits are shielded, guarded or out of range of contact by personnel and or tools	X							
50 to 250v	Exposed to energized circuits which the individual is working on or near	X			X	X			X
50 to 250v	Exposed to energized circuits which the individual is working on or near in a 120 / 208v power panel	X			X	X	X		X
251 to 500v	Electrical circuits are shielded, guarded or out of range of contact by personnel and/or tools	X							
251 to 500v	Exposed to energized circuits which the individual is working on or near	X	X	X	X	X	X		
251 to 500v	Exposed to energized circuits which the individual is working on or near in a 277 / 480v lighting panel	X			X	X	X	X	X
251 to 500v	Exposed to energized circuits which the individual is working on or near in a 277 / 480v distributing equipment (MCC, switchboard or distribution panel)	X	X	X	X	X	X		X