Annex A Summary Table for Minimum Personal Protective Equipment

Occupancy/Area	Footwear	Clothing	Eye / Hearing Protection	Headwear, Respiratory, Safety Vest or Other
University Public Access Areas, Office, Residences & Common Areas	Standard footwear. No restrictions	Standard clothing. No restrictions	None	Applies to general public & visitors
Custodial – general or cleaning	Sturdy, slip resistant, comfortable "Closed Toe" footwear	Standard clothing. Shorts are permitted unless "long pants" or other required by Job Risk Assessment (JRA)	None	None
Custodial – furniture and equipment moving	Green Δ Safety shoes	Standard clothing. Shorts are permitted unless "long pants" required by JRA	None	Gloves to protect from sharp edges
Custodial – operating baling/compactor equipment	Green Δ Safety shoes	Standard clothing – long pants	Safety glasses	Gloves to protect from sharp edges
Custodial and/or chemical handling/dispensing including mould removal <10 ft^2	"Closed Toe" Standard footwear	Standard clothing. Other items (long pants, long sleeves or protective apron) as required by JRA	Safety glasses	Gloves suitable for chemicals or task. For "limited" mould removal - Respirator (see FMOP 2-12)
Passage through Service Tunnels & Mechanical Rooms (within yellow lines)	"Closed Toe" Standard footwear	Standard clothing – long pants.	Safety glasses or goggles and hearing protection depending on activity and local conditions	Also applies to Custodial, Administrative staff and Visitors
Use of bicycles (in tunnels or on campus)	As per work assignment	As per work assignment	None	CSA approved bicycle helmet

Annex A Summary Table for Minimum Personal Protective Equipment

Occupancy/Area	Footwear	Clothing	Eye / Hearing Protection	Headwear, Respiratory, Safety Vest or Other
Work in Tunnels, Mechanical Rooms & Crawl Spaces - General work, not in vicinity of electrical panels	Safety shoes/boots. Green Δ, Orange Ω tags	Standard clothing – long pants. Other items (i.e. long sleeves) as required by JRA.	Safety glasses or goggles and hearing protection depending on activity and local conditions	Dust mask if dusty environment as per JRA. Communicate with supervisor for more information. Gloves as per material, task and/or JRA. High Visibility safety vest required in Low Visibility conditions (i.e. shutdowns). Jewelry, watches & keys to be removed when working near rotating equipment.
Confined Spaces See FMOP 2-2 for more information *Minimum 2 trained persons*	Safety shoes/boots. Green Δ, Orange Ω tags	Standard clothing – Long pants & long sleeves	Safety glasses or goggles Hearing protection depending on activity and local conditions	Gas Monitor Helmets c/w light & chin strap Personal harness Entry & Rescue equipment – depending on energy & potential hazards

Annex A Summary Table for Minimum Personal Protective Equipment

Occupancy/Area	Footwear	Clothing	Eye / Hearing Protection	Headwear, Respiratory, Safety Vest or Other
Mechanical & Electrical Rooms General work, no exposed electrical conductors **HRC-0** as per CSA Z462	Safety shoes/boots. Green Δ, Orange Ω tags	CSA Z462 HRC-0 clothing: Long sleeves, Long Pants. Materials to be non-melting or untreated natural fiber such as cotton, wool, rayon or silk, or blends of these materials with a fabric weight of at least 4.5 oz/yd^2.	Safety glasses or goggles and hearing protection depending on activity and local conditions	Dust mask if dusty environment as per JRA. Communicate with supervisor for more information. Gloves as per material, task and/or JRA. High-Visibility safety vest required in low light conditions (i.e. shutdowns). Jewelry, watches & keys to be removed when working near rotating equipment.
Mechanical & Electrical rooms or any area with exposed electrical conductors as per arc flash labeling /distance **HRC-2** as per CSA Z462	Leather Safety shoes/boots. Green Δ, Orange Ω tags	Long sleeves & Long Pants or Coveralls. FR material or HRC-2 FR rated clothing (min arc rating of 8 cal/cm^2)	Safety glasses or goggles (Class 2) Hearing protection Arc-rated Face Shield	Hard Hat or helmet Leather gloves and/or voltage gloves No jewelry, watches or keys
Mechanical & Electrical rooms or any area with exposed electrical conductors as per arc flash labeling **HRC-4** as per CSA Z462	Leather Safety shoes/boots. Green Δ, Orange Ω tags	Long sleeves & Long Pants or Coveralls. FR material or HRC-4 FR rated clothing assembly (min arc rating of 40 cal/cm^2)	Arc-flash face shield c/w hood (Class 4). Hearing protection (non-melting depending on activity and local conditions	Hood with FR Hard hat liner Leather gloves and/or voltage gloves FR High-Visibility safety vest required in low light conditions (i.e. shutdowns) No jewelry, watches or keys

Annex A Summary Table for Minimum Personal Protective Equipment

Occupancy/Area	Footwear	Clothing	Eye / Hearing Protection	Headwear, Respiratory, Safety Vest or Other
FM Vehicles (licensed)	As per planned work activities	Standard clothing. Other items as required by work activity	None	High-Visibility safety vest required if working on or within 1 m of roadways.
FM Vehicles (unlicensed) e.g. Golf Carts, Off-Road & Utility Vehicles and Snow Removal Equipment	Safety shoes/boots. Green Δ, Orange Ω tags	Standard clothing. Other items as required by work activity	Hearing protection mandatory in fueled RTVs, mowers, tractors, loaders & litter vac.	High Visibility safety vest or apparel required Off-Road & Utility Vehicles & Golf Carts without seatbelts require MTO approved helmet
Fueling Operations at CUB or for portable equipment	As per planned work activities	Standard clothing	Eye splash protection to be worn.	NO SMOKING. Vehicle to have ignition "off". No cell phone usage. Allow 2 minutes cool down before fueling. Remove High Visibility vests due to flammability issues.
Grounds & Exterior Work Areas >3 m from roadways or parking lots (includes locates)	Safety shoes/boots. Green Δ, Orange Ω tags	Polyester "Wicking" material permitted. Shorts are permitted depending on JRA. Long pants required if using line trimmers, mowers or as required by JRA.	Safety glasses or goggles (Class 2) required if using mowers, blowers, line trimmers, cut-off saws, edgers, etc. Hearing protection depending on activity and local conditions	High Visibility safety vest or apparel optional Appropriate sun protection e.g. broad-brimmed hat, long sleeves/pants and sunscreen based on environmental, personal and task factors

Annex A Summary Table for Minimum Personal Protective Equipment

Occupancy/Area	Footwear	Clothing	Eye / Hearing Protection	Headwear, Respiratory, Safety Vest or Other
Grounds, Exterior Work Areas within 3 m of or on roadways, including parking lots (includes locates)	Safety shoes/boots. Green Δ, Orange Ω tags	Polyester "Wicking" material permitted. Shorts are permitted depending on JRA. Long pants required if using line trimmers, mowers or as required by JRA	Safety glasses or goggles (Class 2) required if using mowers, blowers, line trimmers, cut-off saws, edgers, etc. Hearing protection depending on activity and local conditions	High Visibility safety vest or apparel Appropriate sun protection e.g. broad-brimmed hat, long sleeves/pants and sunscreen based on environmental, personal and task factors
Grounds, Chain Saw usage *Minimum - 2 trained persons*	Safety shoes/boots. Green Δ, Orange Ω tags	Polyester "Wicking" material permitted. Long pants required.	Safety glasses or goggles (Class 2) and face shield. **Note:** face shield without safety glasses does not provide adequate eye protection Hearing protection is needed	High Visibility safety vest or apparel Mandatory Leg Chaps with sewn-in ballistic nylon pads as per ASTM F189708 Leather gloves with ballistic nylon reinforcement on the back
Carpenter or Locksmith Shops or similar work on campus	Safety shoes/boots. Green Δ, Orange Ω tags	Standard clothing – long pants. Short or long close-fitting sleeves.	Safety glasses or goggles and hearing protection depending on activity and local conditions (i.e. grinding, using chemicals, etc.) as required by JRA.	Dust mask or respiratory protection as required (i.e. sanding or painting)

Annex A Summary Table for Minimum Personal Protective Equipment

Occupancy/Area	Footwear	Clothing	Eye / Hearing Protection	Headwear, Respiratory, Safety Vest or Other
Building Roof Access – assumes passage/movement > 2 m from edge	Safety shoes/boots. Green Δ, Orange Ω tags		Safety glasses or goggles and hearing protection depending on activity and local conditions	Respirator may be required for HVAC unit servicing Fall restraint needed if <2 m to edge – see FMOP 2-11 for more info.
Construction Site/Designated Construction Site or Work Areas	Safety shoes/boots. Green Δ, Orange Ω tags	Long sleeves Long Pants Safety vest	Safety glasses or goggles and hearing protection depending on activity and local conditions or as posted	Construction hard hat . High Visibility safety vest or apparel (exterior work, low-light conditions or as posted as posted). Other items as per posted requirements

Job Risk Assessment (JRA)