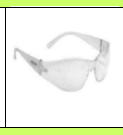
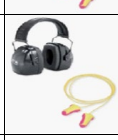
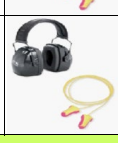
NORTHWESTERN GLASS FAB

Personal Protective Equipment **(PPE) Matrix**

Revised 10.21.25

PPE	Safety Glasses *(wrap-arounds or glasses with side shields)*	Hearing Protection	Safety Shoes *(meets ASTM F2413-18)*	Metatarsal Guards	Cut-Resistant Sweater, Jacket, or Sleeves	Cut-Resistant Apron	Cut-Resistant Gloves *(see min ANSI Cut Level for specific tasks)*	Hard Hat or Bump Cap	Notes
At All Times									
In Designated Walkways			**See Notes**						**Within designated walkways**: All shoes must be closed toe and hard soled. **All visitors must be escorted in the shop by a NWGF or Brin employee.** Visitor access to restroom or vending machines is exempt from these requirements
Outside Designated Walkways (During Active Work)		 **See Notes**			**Shirts must have sleeves. No loose fitting clothing. No shorts**				Hearing protection required beyond marked boundaries when active work is taking place, or when operating any equipment/tools marked with 'Hearing Protection Required' signage
Outside Designated Walkways (No Active Work)					**Shirts must have sleeves. No loose fitting clothing. No shorts**				If you wish to wear hearing protection not supplied by NWGF, it must have a minum 25dB NRR rating and be pre-approved by shop supervisor. This includes all headphones, earmuffs, or earbuds with audio capabilities. Audio must be kept at a level that does not impair your ability to hear and respond to coworkers or react to hazards in your work area
Cranes									
When Operating Cranes (all types)									**Exemption** - No glove needed on control hand for crane operating
Cutting									
Cutting Tables / Lami Table / Tilt Table									**Exemption** - Hard hat/ bump cap required only when glass is overhead
IG- Vertical Line									
When Handling Glass									
Bender / Desiccant Fill / Butyler / Layup							 **See Notes**		Nitrile gloves when handling aluminum spacer, super spacer, and/or butyl. No bare hands
Robot Operator									
IG- Horizontal Line									
When Handling Glass									
Billco Washer / IG Press Sealant Gunning / Super Spacer Table							**See Notes**		Nitrile gloves when handling aluminum spacer, super spacer, and/or PIB. No bare hands
Fabrication									
Beveler / Pencil Edger / Flat Polishers									**Exemption** - Fingerless gloves allowed when placing corks on glass
All CNCs- When Operating Machine									
All CNCs- When Handling Glass									**Exemption** - Fingerless gloves allowed when placing corks on glass
Furnace									
Furnace In / Furnace Out / Furnace Washer									**Exemption** - Fingerless gloves allowed when placing corks on glass
Metal									
Glass Handling / Glazing / Shower Door Fabrication									
Packaging									
Operating Washer / Wrapping / Hand Washing Glass									**Exemption** - Fingerless gloves allowed when placing corks on glass
Delivery / Shipping / Receiving / Crating / Will Call									
In the Shop : **Loading / Unloading / Working In, On, or Around Trucks**									
Stopped for Delivery : **Loading / Unloading / Working In, On, or Around Trucks**									
Machine Maintenance									
When Performing Machine Maintenance		**See Notes**					**See Notes**		**Exemption** - Hearing protection required only if in active work area. **Exemption** - Light duty or nitrile gloves may be allowable for certain maintenance tasks. See supervisor for approval.