

PPE—PRINCIPLES OF PROTECTION

Introduction

Personal protective equipment (PPE) is anything used or worn by a person to minimise a risk to the person's health or safety.

It is one of the least effective ways of controlling risks to health and safety and should only be used:

- when there are no other practical control measures available;
- as an interim measure until a more effective way of controlling the risk can be used; and / or
- to supplement higher level control measures.

Types of PPE

PPE includes items such as:

Eye protection: Goggles, glasses and face shields.

Hearing protection: Ear plugs and ear muffs.

Respiratory protection: Filter respirators, air line respirators and SCBA.

Foot protection: Safety shoes and boots, spats and rubber gum boots.

Head protection: Hard hats, helmets, bump caps and broad brimmed hats.

Body protection: Aprons, Cut 5 rated gloves, gauntlets, pants, bolero and high visibility clothing.

Other: Any substance used to protect health, eg sunscreen.

Selecting PPE

All tasks should be subject to a Risk Assessment prior to selection of any PPE.

When choosing the right PPE for the job, selection processes must include:

- an evaluation of the risk and performance requirements for the PPE following safe work practices;
- compatibility of PPE items where more than one type of PPE is required; and
- consultation with the supplier and workers to ensure PPE is suitable for the work and workplace conditions.

In all areas where PPE is identified as being required, the AGGA recommends that it:

- meets the highest level of protection available;
- complies with the relevant Australian or equivalent safety standard; and
- be worn and maintained to the manufacturer's specifications.

Employees required to use PPE should also understand its function, correct use and limitations.

Principles of Protection

The following is a guide to the minimum PPE required for the processes and activities listed below when conducting risk assessments.

Transporting & Receiving Glass Products

Minimum PPE protection should include eye, foot, wrist, hand and body protection.

Glass Processing

Minimum PPE protection should include eye, foot, wrist, hand and body protection.

Cutting

Minimum PPE protection should include eye, foot, wrist and hand protection.

Toughening Process

Minimum PPE protection should include eye, foot, wrist, hand and body protection.

Laminate, Heat Soak, IGU Processing, Painting, Additional Processing

Minimum PPE protection should include eye, foot, wrist and hand protection.

On Site Glazing

Minimum PPE protection should include eye, foot, wrist, hand and body protection.

The AGGA Personal Protective Equipment Matrix can be used as a guide to assist in selecting the recommended PPE.



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AGGA Recommended Minimum Personal Protective Equipment

	PPE Recommended			PPE Subject to Hazard / Risk Assessment									
	Eyes	Head	Feet Legs	Body Legs	Body Legs	Body	Body	Body	Body	Hands Arms	Hands Arms	Hearing	Inahlation
	Safety Glasses	Safety Hard Hats	Safety Work Boots	Leather Apron	Overalls, Long Pants	Hi-Vis Clothing	Bolero	Harness, Fall Arrest	Sun Protection	Gloves	Gauntlets	Ear Plugs Ear Muffs	Respirator Dust Mask
Receiving glass products Positioning, storing & transportation of glass using crane / forklift or lifting equipment	Recommended	Recommended	Recommended	Subject to Assessment	Subject to Assessment	Subject to Assessment	Subject to Assessment	Subject to Assessment	Subject to Assessment	Recommended	Recommended	Subject to Assessment	Subject to Assessment
Receiving glass products Manual handling stock	Recommended	Subject to Assessment	Recommended	Subject to Assessment	Subject to Assessment	Subject to Assessment	Subject to Assessment	Subject to Assessment	Subject to Assessment	Recommended	Recommended	Subject to Assessment	Subject to Assessment
Cutting Hand or automated cutting machines	Recommended	Subject to Assessment	Recommended	Subject to Assessment	Subject to Assessment	Subject to Assessment	Subject to Assessment	Subject to Assessment	Subject to Assessment	Recommended	Recommended	Subject to Assessment	Subject to Assessment
Glass Processing Toughening, painting, edgeworking, processing, laminating, heat soaking, IGU processing	Recommended	Subject to Assessment	Recommended	Subject to Assessment	Subject to Assessment	Subject to Assessment	Subject to Assessment	Subject to Assessment	Subject to Assessment	Recommended	Recommended	Subject to Assessment	Subject to Assessment
Glass Deliveries Packing / loading glass	Recommended	Subject to Assessment	Recommended	Subject to Assessment	Subject to Assessment	Subject to Assessment	Subject to Assessment	Subject to Assessment	Subject to Assessment	Recommended	Recommended	Subject to Assessment	Subject to Assessment
Glass Deliveries Delivering glass in addition to site requirements	Recommended	Subject to Assessment	Recommended	Subject to Assessment	Subject to Assessment	Recommended	Subject to Assessment	Subject to Assessment	Subject to Assessment	Recommended	Recommended	Subject to Assessment	Subject to Assessment
On Site Glazing On site glazing in addition to site requirements	Recommended	Subject to Assessment	Recommended	Subject to Assessment	Recommended	Subject to Assessment	Subject to Assessment	Subject to Assessment	Subject to Assessment	Recommended	Recommended	Subject to Assessment	Subject to Assessment
On Site Glazing Outdoor work-in addition to site requirements	Subject to Assessment	Subject to Assessment	Recommended	Subject to Assessment	Subject to Assessment	Subject to Assessment	Subject to Assessment	Subject to Assessment	Subject to Assessment	Subject to Assessment	Subject to Assessment	Subject to Assessment	Subject to Assessment

NOTE: All PPE should meet the minimum Australian or equivalent Safety Standard, be in a good state of repair, and be worn correctly