

# PERSONAL PROTECTIVE EQUIPMENT

## PURPOSE AND SCOPE

The intent of this document is to provide instruction on the selection, purchasing, fitting and use, maintenance, storage, and disposal of Personal Protective Equipment (PPE) and applies to all persons working at or visiting Gamuda Australia (GA) projects / workplaces.

**Note:** This standard does not apply within office environments that are not under construction.

### MANDATORY PPE

- Safety helmet or Hard hat
- High-visibility vests or High-visibility clothing
- Steel cap safety boots (high ankle lace up recommended)

**Note:** The above controls are to be read in conjunction with the Regulations, Standards and Codes listed below.

All risk analysis, assessments and safe work method statements are to be conducted and compiled with full consideration of the hierarchy of control, with preference to Elimination or Substitution control.

**Safety helmets** must be worn by all personnel whilst onsite and must comply with Australian Standard 1801 and be regularly inspected and replaced where there is damage, cracking and/or where expiry date has been reached. Other requirements include.

- Hardhats are only to be worn with the peak facing forwards
- Hats/caps/beanies must not be worn under safety helmets, unless approved by the Helmet manufacture
- Tethers or chin straps must be used when working in high rise structures or in windy conditions
- Cap lamps must be used when performing underground related activities, such as Tunnelling.

**High-visibility clothing and/or vests** must be worn by all personnel whilst onsite and must comply with Australian Standard 4602. Other requirements include.

- Hi-visibility clothing for traffic control and/or night works must be fitted with 50mm reflective tape
- All GA clothing must be long sleeve and long pants to protect against UV exposure
- All embroidered badges and logos must comply with the GA style guide (GA issued clothing only).
- Railway compliant orange hi-vis garments are available for rail sector work and must comply with Australian Standard 4602 (day/night use). Reflective design is dependent on state/territory requirements
- Wet weather work-wear must be used where required to work in wet conditions
- Task specific clothing such as spats, chaps, leather coats, disposable overalls must be suitable for the task and working conditions

**Safety footwear** must be worn by all personnel whilst onsite and must comply with Australian Standard 2210. Other requirements include;

- All safety footwear, including gum boots, must incorporate impact resistant toe caps

**Safety eyewear** shall be worn by personnel where identified by risk assessment, plant or equipment operating instructions or manual and/or safety data sheets for chemicals and comply with Australian Standard 1337. Other requirements include:

INTEGRATED MANAGEMENT SYSTEM  
**CRITICAL RISK STANDARD**  
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- Double eye protection in the form of glasses/goggles and a face shield shall be used for activities that generate flying particles such as grinding.
- If the necessity for higher level of eye protection is identified during risk assessment, protective eyewear with the correct level of protection for the task must be provided to and used by those exposed (including individuals performing the task as well as those in proximate vicinity). The eye protection provided must also be compatible with other specified items of PPE.

**Hand Protection** shall be worn by personnel where identified by risk assessment, plant, or equipment operating instructions or manual and/or safety data sheets for chemicals and comply with Australian Standard 2161. Other requirements include:

- The appropriate glove to manage the risk is to be worn by all employees, staff, contractors, and visitors on GA workplaces when carrying out tasks that may cause harm to themselves such as:
  - there is an identified risk or potential for finger or hand injury – sharp, hot objects,
  - abrasive surfaces jagged objects: or where they will assist with the grip of the object.
  - handling wire ropes, chains, rigging equipment, or
  - contact with chemicals, fuels, substances, or body fluids; or
  - manual handling
- When NOT carrying out tasks / works, gloves must be carried e.g., "Clip and Carry" at all times when in the construction site.
- A Project may choose to implement 100% glove wearing policy; this requirement is to be communicated during site induction.
- If a specific level of hand protection is identified during risk assessment or other requirement, hand protection with the correct rating for the task must be provided. Specific hand protection must be inspected and where worn or contaminated, they must be replaced on a new-for-old basis.

**Hearing Protection** shall be worn by personnel where identified by risk assessment, plant or equipment operating instructions and comply with Australian Standard 1270. Other requirements include:

- Hearing protection provided must be adequate to protect from the noise level of a worksite
- Operatives must be trained in the correct use and fitting of hearing protection
- Worn by personnel performing the task and those in close proximity

**Respiratory Protection** shall be worn by personnel where identified by risk assessment, plant or equipment operating instructions and comply with Australian Standard 1716. Other requirements include:

- The type of respiratory protection must be suitable to the task and working conditions
- Respirators must be fitted properly. HSE Managers/Coordinators must be engaged to provide advice on qualitative fit testing. Persons required to wear masks or respirators, or self-contained breathing apparatus must be clean shaven.

**UV protection** may be required if identified by risk assessment. Other considerations are wide brims for helmets and Sunscreen (SFP 30+).

**Training** in the correct use and maintenance of task-specific PPE shall be provided to personnel. Such training can be included in site inductions or provided by a health and safety practitioner and/or specialist. The training must be completed prior to initial use.

**Storage** of PPE shall be in accordance with the manufacture's specifications or in general, to prevent damage, contamination and/or deterioration.

**Visitors** shall wear the mandatory PPE as specified in this standard. Closed in footwear must be worn as a minimum whereby safety footwear is not available at the time of visit.

## **REGULATIONS, STANDARDS AND CODES**

- Work Health & Safety Regulation 2011 (QLD, ACT), 2012 (SA), 2017 (NSW, NT) and 2022 (WA), Part 3.2, Division 5, and Regulations 400 & 472
- Occupational Health and Safety Regulations 2017 (VIC)
- AS/NZS 1715 Selection, use and maintenance of respiratory protective equipment
- AS/NZS 1716: Respiratory protective devices
- AS/NZS 1801 Occupational protective helmets
- AS/NZS 1337.1:2010: Personal eye protection - Eye and face protectors for occupational applications
- AS/NZS 1338.1 Filters for eye protectors - Filters for protection against radiation generated in welding and allied operations
- AS/NZS 2161 Occupational protective gloves
- AS/NZS 2210 Occupational protective footwear
- AS/NZS 2604:2012 Sunscreen products - Evaluation and classification
- AS/NZS ISO 2801: Clothing for protection against heat and flame - General recommendations for selection, care and use of protective clothing
- AS/NZS 4501.1-2008: Occupational protective clothing - Guideline on the selection, use, care and maintenance of protective clothing

## **FORMS AND CHECKLISTS**

- No GA related forms or checklists for GA-CRS-20 Personal Protective Equipment.