

# PPE Specification

## Purpose

This document specifies the relevant PPE standard that must be met when required to wear Personal Protective Equipment (PPE) at Queensland Hydro sites.

PPE Item	Australian/New Zealand Standard or industry standard
<b>Protective Clothing</b>	
Arc Flash rated garments where an arc / flash hazard exists	<b>ENA NENS 09-2014</b> National guideline for the selection, use and maintenance of personal protective equipment for electrical arc hazards. The guideline requires that an assessment of arc flash energy levels is undertaken for all tasks where an arc flash potential exists and that an appropriate level of protection (HRC level) arc flash clothing is supplied and used.
Long sleeve shirt, high visibility	<b>Minimum HRC1</b> Arc Flash rated. <i>Higher HRC levels may be needed based on individual task assessment.</i>  <b>Or</b> , 100% cotton as a minimum site entry requirement i.e. tasks where no arc flash potential exists. AS/NZS 4602.1:2011 Amd 1:2016 High visibility safety garments - Garments for high risk applications. D/N Specification
Long trousers	<b>Minimum HRC1</b> Arc Flash rated. <i>Higher HRC levels may be needed based on individual task assessment.</i>  <b>Or</b> , 100% cotton as a minimum site entry requirement i.e. tasks where no arc flash potential exists. D/N Specification  <b>NOTE: Denim jeans or non-rated synthetic materials are not approved items of clothing.</b>
Overalls	<b>Minimum HRC1</b> Arc Flash rated (or 100% cotton as a minimum with arc flash rated undergarment with body coverage from neck to wrists to ankles).  AS/NZS 4602.1:2011 Amd 1:2016 High visibility safety garments - Garments for high risk applications D/N Specification
Wet weather gear, high visibility	Must not compromise the effectiveness of arc flash clothing
Jumpers/Jackets, high visibility	Must not compromise the effectiveness of arc flash clothing
<b>Safety Footwear</b>	
Safety footwear	AS/NZS 2210.1:2010 Safety, protective and occupational footwear – Guide to selection, care and use

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<b>Author:</b>	Kelly Palmer	Head of Health and Safety	<b>Version Date:</b>	23/05/2023
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<b>Protective Headwear</b>	
Safety helmet	AS/NZS 1800:1998 Occupational protective helmets – selection, care and use;
Safety helmet brim	AS/NZS 1800:1998 Occupational protective helmets – selection, care and use;
<b>UV Radiation Protection</b>	
Sunscreen	AS/NZS 2604:2021 Sunscreen products – Evaluation and classification
<b>Eye Protection</b>	
Eye and face protection	AS/NZS 1337.1:2010 Personal eye protection – Eye and face protectors for occupational applications
<b>Hearing Protection</b>	
Ear protection	AS/NZS 1269.3:2005 (R2016) Occupational noise management - Hearing protector program
<b>Respiratory Protection</b>	
Respiratory protective devices	AS/NZS1715:2009 Selection, use and maintenance of respiratory protective equipment
	AS/NZS1716:2012 Respiratory protective devices
<b>Hand Protection</b>	
Gloves	AS/NZS 2161.1:2016 Occupational protective gloves – Selection, use and maintenance
Gloves (insulating)	AS 2225-1994 Insulating gloves for electrical purposes
<b>Fall Protection</b>	
Fall-restraint/arrest	AS/NZS 1891.4:2009 Industrial fall-arrest systems and devices – Selection, use and maintenance
	AS/NZS 1891.1:2007/Amd 2:2008 Industrial fall-arrest systems and devices - Harnesses and ancillary equipment