



SASOL

Generic and Sector Specific PPE Standards

July 2015

As approved by Service Provider Safety Management Technical Workgroup



Principles guiding SP PPE



Requirements:	As opposed to:
Only Generic PPE (Allows entry on to site) will be prescribed in the SPSM Approach.	Task specific PPE which is determined by the risk assessment (Gloves, face shield, fall protection, electrical PPE, HP cleaning etc.)
Maximum standardisation of PPE requirements on a regional basis	Global standardisation Regional / entities developing own standards
Own Service Provider company branding on PPE	Sasol branded PPE being worn by service providers
Driven by a global technical specifications (EN, ANSI etc)	Regional standards

Sasol Group: Generic PPE requirements (All entities)

Item	Standard	Alternatives	Colour and branding
Hard hat	Class A ANSI Z89.1-1986	None	Own company branding
Safety spectacles	EN 166		None
Ear Muffs (banded and helmet mounted)	EN 352-1, EN 352-3 OSHA 1910.95		None
Ear plugs (corded)	EN 13819-1, EN 13819-2, EN352-2, EN458	Variphone or Noise clipper	None
Overalls (general use)	Flame retardant and acid resistant with reflective stripes SANS 434 EN471, EN469 & EN533	Inherent flame resistant (Nomex or other)	Own company branding
Safety boots -steel toe cap -anti perforation sole -oil & fuel resistant sole -anti-static -heel energy absorption -breathable leather uppers -anti slip sole	SANS/ISO 20345:2011 SANS/ISO 20346 SANS/ISO 20346 ISO 20344:2011 EN 12568:1998 EN 50321:1999 EN ISO 3376:2002 EN ISO 3377-2		None

Mining Sector - Generic PPE requirements



Item	Standard	Alternatives	Colour and branding
Hard hat with cap lamp fitment	Class A ANSI Z89.1-1986	None	Own company branding
Safety spectacles	EN 166		None
Ear Muffs (banded and helmet mounted)	EN 352-1, EN 352-3 OSHA 1910.95		None
Ear plugs (corded)	EN 13819-1, EN 13819-2, EN352-2, EN458	Variphone or Noise clipper	None
Overalls (above ground) as per Chemical standard	Flame retardant and acid resistant with reflective stripes SANS 434 EN471, EN469 & EN533	Inherent flame resistant (Nomex or other)	Own company branding and colour
Overalls (underground)	One piece boiler suit D59 D59 two piece for ladies		Own company branding White, yellow, orange
Safety boots (above ground) – as per Chemical plant standard	SANS/ISO 20345:2011, SANS/ISO 20346 SANS/ISO 20346, ISO 20344:2011, EN 12568:1998 EN 50321:1999, EN ISO 3376:2002, EN ISO 3377-2		None
Mining Gumboot (underground)	EN 20345 with Metarsal guard		None

Sasol Exploration and Petroleum: Sector specific Generic PPE



Item	Standard	Alternatives	Colour and branding
Hard hat	Class A ANSI Z89.1-1986 or EN 397: 2012	None	Industry specific
Safety spectacles	EN 166 : 2001 or ANZI Z87.1-2010		None
Ear Muffs (banded and helmet mounted)	EN 352-1, EN 352-3 OSHA 1910.95		None
Ear plugs (corded)	EN 13819-1, EN 13819-2, EN352-2, EN458	Variphone or Noise clipper	None
Overalls (general use)	Flame retardant with reflective stripes SANS 434, EN471, EN469 & EN533 : 1997	Inherent flame resistant (Nomex or other)	Own company branding
Safety boots -steel toe cap -anti perforation sole -oil & fuel resistant sole -anti-static -heel energy absorption -breathable leather uppers -anti slip sole	SANS/ISO 20345:2011 SANS/ISO 20346 : 2014 ISO 20344:2011 EN 12568:1998 EN 50321:1999 EN ISO 3376:2002 EN ISO 3377-2		None
Gloves (general use)	EN420 EN388 EN 374		

Geographic specific PPE: USA

Item	Specific requirement	Standard	Colour and branding
Hard hat	Type II, Class E	ANSI Z89.1 - 2009	White typically
Safety spectacles	Safety Glasses w/Side Shields	ANSI Z87	
Ear Muffs (banded and helmet mounted)	Optional, not required Approved Vendors, 25-30 NRR		
Ear plugs (corded)	Approved Vendors, 25-30 NRR		
Overalls (general use)	Not required – long sleeve and long pants is requirement Cotton or Flame Retardant (electrical) work uniforms being utilized for operations & maintenance employees		Dark Blue
Safety boots	Steel toe Anti perforation sole Oil/Chemical resistant sole Anti slip sole Ankle support	ANSI Z41.1-1991 29CFR1910.136 ASTM F 2413-05	

Geographic specific PPE: Eurasia – Eicke Köhnen



Item	Specific requirement	Standard	Colour and branding
Hard hat	Type II, Class E	ANSI Z89.1 - 2009	White typically
Safety spectacles	Safety Glasses w/Side Shields	ANSI Z87	
Ear Muffs (banded and helmet mounted)	Optional, not required Approved Vendors, 25-30 NRR		
Ear plugs (corded)	Approved Vendors, 25-30 NRR		
Overalls (general use)	Not required – long sleeve and long pants is requirement Cotton or Flame Retardant (electrical) work uniforms being utilized for operations & maintenance employees		Dark Blue
Safety boots	Steel toe Anti perforation sole Oil/Chemical resistant sole Anti slip sole Ankle support	ANSI Z41.1-1991 29CFR1910.136 ASTM F 2413-05	