

Health and Safety Standard

HIGH VISIBILITY

1 PURPOSE

This standard establishes the requirements for high visibility safety apparel (HVSA), applications when HVSA is required or recommended, as well as, providing care and use guidance.

2 SCOPE

This standard identifies SaskPower's requirements for high visibility personal protective equipment (PPE) which meets or exceeds legal requirements.

HVSA is PPE worn by a worker to increase their visual presence and provide added illumination by reflecting light back.

This standard does not cover other controls available to workers such as physical barriers, traffic control planning, additional lighting, etc.

This standard outlines the minimum requirements that shall be met or exceeded by SaskPower workers and contractors. Failure to comply may result in injuries, damage to equipment and property, performance management or any combination thereof.

The use of the word "shall" within this standard denotes a mandatory action, whereas the use of the word "should" or "may" denotes a recommended action.

3 DEFINITIONS

The following definitions apply to this standard:

Basic PPE - personal protective equipment defined as minimum requirements for use by workers in a specific work area regardless of the task being performed.

Designated travelway - a passageway, path or walkway designed for pedestrians to travel between locations.

Flag person - person responsible for controlling and directing traffic and fulfills the role of designated signaller to control traffic as per *The Occupational Health and Safety Regulations, 2020*.

Multi-hazard safety apparel - PPE in the form of clothing that provides protection against more than one hazard (e.g. arc-rated high visibility shirt).

Signalperson - person responsible for directing the movements of load handling equipment by providing signal commands to the load handling equipment operator and fulfills the role of designated signaller as per *The Occupational Health and Safety Regulations, 2020*.

Task-specific PPE - personal protective equipment to be used in conjunction with or in place of basic PPE to properly protect workers from hazards resulting from a specific work activity.

4 REQUIREMENTS

HVSA can be a harness, vest, shirt, jacket, coveralls, or bib overalls given the garment meets the requirements outlined in CSA Z96-15 standard for the specific class. HVSA is designated by class within the standard. For further clarification refer to the HVSA Class Requirements document.

For SaskPower's procurement purposes the minimum HVSA specifications are:

- Each HVSA intended for upper torso coverage shall meet Class 2 requirements as specified in CSA Z96-15. Upper torso garments that include sleeves shall also require arm bands.
- Each HVSA intended for full body coverage (torso and lower limbs in one garment – i.e. coveralls) shall meet Class 3 requirements as specified in CSA Z96-15.

SaskPower employees that require HVSA shall be issued Class 2 HVSA, Class 3 HVSA or both and are required to wear the HVSA as per section 4.1.

If garments are designed as multi-hazard safety apparel, the garments shall comply with the requirements for each hazard it provides protection against.

4.1 APPLICATIONS

HVSA shall be used by personnel as either task-specific PPE or as Basic PPE as outlined in the following sections.

4.1.1 TASK-SPECIFIC PPE

SaskPower employees and contractors shall utilize the following information to determine when HVSA is required as task-specific PPE and the corresponding Class for the task:

- Workers required to wear HVSA as task-specific PPE shall also wear industrial protective headwear (i.e. hard hat) that is of a high visibility colour.
- Workers performing flag person duties shall wear, as a minimum, Class 2 HVSA with arm bands or Class 3 HVSA.
- Personnel working on or near public roadways shall wear a minimum of Class 2 HVSA.
- Workers performing signalperson duties for load handling activities shall wear a minimum of Class 2 HVSA.

Note: It is recommended that the signalperson wear a different colour high visibility vest to better distinguish them from others in the designated work area.

- Workers shall wear a minimum of Class 2 in the designated work area that include workers on the ground and moving vehicles or other operating equipment (e.g. forklifts, backhoes, digger derricks).
- Personnel working outside at night or in poor visibility should wear Class 3 HVSA to maximize their visibility.

4.1.2 BASIC PPE

Regardless of the task, a minimum of Class 1 HVSA shall be worn as Basic PPE by all contractors and employees entering switching stations, sub-stations, generating stations, associated outbuildings, worksites, shops, work yards and warehouses.

HVSA is not required to be worn in corporate vehicles, office environments including meeting rooms and lunch/break rooms, employee designated parking lots and in designated travelways connecting these locations.

4.2 CARE AND USE

Workers are required to use and are responsible to care for their HVSA. The following shall be utilized as the minimum guidance for proper use and care:

- Store garment to prolong its life (e.g. not in direct sunlight and in such a manner to not get it damaged or soiled)
- Inspect before use
- Verify compliance through garment labelling
- Discontinue use and replace when faulty or deteriorated
- Clean as per the garment label instructions
- Clean regularly to ensure vibrancy of garment
- Worn done up around the body with no loose components
- Worn as the outer layer[‡]

‡ Situations exist where other hazards require the use of different PPE (e.g. fall arrest harness, chemical suits) that may cover or partially hide HVSA as the outer layer. When there is potential for a hazard that poses a greater risk than being visible, HVSA is not required as the outer layer.

5 IMPLEMENTATION

The requirements of this version of the standard are to be met within six months of the approval date at which time the previous version will be superseded.

6 RESOURCES

6.1 INTERNAL RESOURCES

Related Policies:	Hazard/Aspect and Risk Assessment (HARA) Policy
References:	HVSA Class Requirements
Related Standards:	Head Protection Standard Motor Vehicle Safety Standard
Additional Information:	Traffic Control Planning SOP

6.2 EXTERNAL RESOURCES

<p>Related Legislation:</p>	<p><i>The Occupational Health and Safety Regulations, 2020</i> <i>The Traffic Safety Act</i> <i>The Highway Worker and Flag Person Identification Regulations, 2014</i></p>
<p>References:</p>	<p>CSA Z96-15 High-visibility safety apparel</p>
<p>Related Standards:</p>	<p>CSA Z94.1 -15 Industrial protective headwear – Performance, selection, care, and use</p>
<p>Additional Information:</p>	<p>Traffic Control Device Manual for Work Zones – Government of Saskatchewan/Ministry of Highways and Infrastructure Flag Person Training Workbook – Heavy Construction Safety Association of Saskatchewan Inc.</p>

Ownership

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