

BOWEN Personal Protective Equipment Policy

Purpose

The purpose of the Personal Protective Equipment Policies is to protect the employees of BOWEN from exposure to work place hazards and the risk of injury through the use of personal protective equipment (PPE).

Standards

All Personal Protective Equipment must meet or exceed the standards of Canadian Standards Association (CSA) for use in BOWEN.

Policy

Personal Protective Equipment will be provided, used, and maintained when it has been determined that its use is required to ensure the safety and health of our employees and that such use will lessen the likelihood of occupational injury and/or illness.

PPE is not a substitute for more effective control methods and its use will be considered only when other means of protection against hazards are not adequate or feasible. It will be used in conjunction with other controls unless no other means of hazard control exist.

Training

Any worker required to wear PPE will receive training in the proper use and care of PPE before being allowed to perform work. The training will include, but not necessarily be limited to, the following subjects:

- When PPE is required to be worn;
- What PPE is required?
- How to properly wear PPE;
- The limitations of the PPE;
- The proper care, maintenance, useful life, and disposal of the PPE;

After the training, the employees will demonstrate that they understand how to use PPE properly.

Training of each employee will be documented during the new employee orientation onboarding.

Hazard Assessment for PPE

A safety representative will conduct a walk-through survey of each work area to identify sources of work hazards. Each survey will be documented using the Hazard Identification Form, which identifies the work area surveyed, the person conducting the survey, findings of potential hazards, and date of the survey.

A safety representative will conduct, review, and update the hazard assessment for PPE whenever;

- a job changes;
- new equipment or process is installed;
- there has been an accident;
- whenever a supervisor or employee requests it;
- If a hazard is identified;
- or at least once a year;

Any new PPE requirements that are developed will be added into the Personal Protective Equipment Policy.

Selection of PPE

Once the hazards of a workplace have been identified, a safety representative will determine if the hazards can first be eliminated or reduced by methods other than PPE, i.e., methods that do not rely on employee behavior, such as engineering controls.

If such methods are not adequate or feasible, then safety representative will determine the suitability of the PPE presently available; and as necessary, will select new or additional equipment which ensures a level of protection greater than the minimum required to protect our employees from the hazards. Care will be taken to recognize the possibility of multiple and simultaneous exposure to a variety of hazards.

All personal protective clothing and equipment will be of safe design and construction for the work to be performed and will be maintained in a sanitary and reliable condition. Only those items of protective clothing and equipment that meet Canadian Standards Association (CSA) standards will be procured or accepted for use.

Affected employees whose jobs require the use of PPE will be informed of the PPE selection and will be provided PPE by BOWEN. Careful consideration will be given to the comfort and proper fit of PPE in order to ensure that the right size is selected and that it will be used.

Footwear

CSA standard Z195-02 approved work boots Class A (green triangle and Q) shall be worn as designated.

Hard Hats

If required CSA standard Z94.1-92 or ANSI Standards Z89.1-1997 and Z89.1-2003 approved hard hats will be worn.

Face and Eye Protection

For any work where flying particles are a hazard, wear safety glasses with side shields or safety goggles. For those employees who wear prescription eyeglasses, ordinary glasses do not provide adequate protection from most hazards. Obtain eyeglasses with CSA approved safety lenses, frames, and side shields.

CSA approved eye and face protection shall be worn as designated. Properly fitted glasses, goggles and/ or face shields, appropriate for the hazard shall be provided by BOWEN. These shall be worn by employees engaged in operations in which there is a hazard to the eyes and/ or face from flying objects, pressurized gases, flying particles, dusts, chemical splashes, or injurious light or heat rays. In the event an employee has prescription glasses, they must comply with CSA standard 294.3 to be worn at the worksite.

Hearing Protection

Wherever reasonably practicable steps should be taken to reduce noise exposure, however when this is not possible appropriate (CSA Standard 294.2-02 approved hearing protection shall be supplied by and shall be worn by employees in all areas where there is a danger to employees' hearing. BOWEN will take steps to address noise exposure. When noise exposure within the working environment exceeds 85 decibels, hearing protection must be worn. In addition, hearing protection will be worn by all employees during pumping operations and when close to pumping equipment.

General Requirements

Material and physical hazards which must be considered when selecting PPE clothing, include corrosiveness, toxicity, reactivity, flammability, infectious properties, radioactivity, extreme temperatures and sharp objects. Safety Data Sheets (SDSs) for Hazardous Materials shall be used as guidance for determining adequate personal protective equipment.

Hand Protection (General)

All employees handling materials likely to puncture, abrade, or irritate hands or arms, shall wear personal protective equipment to prevent such injuries except when the use of this equipment introduces equal or greater hazards. All employees handling or using harmful substances, shall use suitable personal protective equipment, or other means to provide protection against these hazards.

Eye Protection

Properly fitting goggles or other eye protective equipment (safety glasses, for example), appropriate to the work being done, shall be worn by an employee, who: a) is handling or is exposed to any material which is likely to injure or irritate the eyes, or b) is engaged in any work in which there is a hazard of eye injury.

Extinguishing Equipment

Will be:

- Proper type;
- In proper location;
- Access unobstructed;
- Clearly marked;
- In working order;
- Service date current;

- Know how to use the extinguisher;

Good Housekeeping

The term "housekeeping" refers to the necessary task of ensuring that the worksite is kept clean and free from tripping and slipping hazards. All BOWEN employees will be responsible for their work area.

Personal Hygiene

- Work boots must be in good condition with no steel showing through toes
- Look neat and clean on location as you are a representative of the company

Definitions

Personal Protective Equipment:

Any equipment, device or clothing intended to be worn or used to prevent physical injury; to facilitate rescue; or to prevent injurious health effects