

First Aid Kits: Required (and recommended) Contents for Forestry Operations

WorkSafeBC Guidelines were updated in September 2018. The tables on the following pages reflect the current guidelines. Notes on the changes and recommended best practices for forestry operations are also included in this document.

Reference: WorkSafeBC Occupational Health and Safety Regulation – Guidelines Part 03, [Schedule 3–A Minimum Levels of First Aid](#): Tables 1–6 in the *Regulation*, indicate in Column 2 the level of first aid kit required for different workplaces.

Notes:

- The numbers of “key” first aid supplies (e.g. – blankets, triangle bandages, etc) should NOT be reduced for operations / worksites that are located more than 20 minutes surface travel time to hospital;
- The new kits accept “space blankets” (i.e. Mylar[®] film) for the blanket component of first aid kits. For forestry operations and remote worksites, the blankets should be made of a substantial material (e.g. – wool, wool type or fleece) to be usable for both padding and warmth;
- Be sure there is sufficient O² supply to cover transport of patient to hospital.
- Consider increasing the number of “quick straps” (aka fracture straps or zap straps) that are indicated for the applicable kits.

Personal First Aid Kit

These items must be kept clean and dry. A weatherproof container is recommended.

Quantity	Required Item
1	10 cm x 16.5 cm sterile pressure dressings with crepe ties
6	Sterile adhesive dressings, assorted sizes, individually packaged
6	14 cm x 19 cm wound cleansing towelettes, individually packaged
1	Waterproof waste bag

Basic First Aid Kit

These items must be kept clean and dry and ready to take to the scene of an accident. A weatherproof container is recommended.

Quantity	Required Item
6	14 cm x 19 cm wound cleansing towelettes, individually packaged
10	Sterile adhesive dressings, assorted sizes, individually packaged
6	10 cm x 10 cm sterile gauze dressings, individually packaged
1	10 cm x 16.5 cm sterile pressure dressings with crepe ties
1	Cotton triangular bandage, minimum length of base 1.25 m
1	14 cm stainless steel bandage scissors or universal scissors
1	2.5 cm x 4.5 m adhesive tape
1	7.5 cm x 4.5 m crepe roller bandage
3	Pairs of medical gloves (preferably non-latex)
1	Waterproof waste bag

Level 1 First Aid Kit

These items must be kept clean and dry and ready to take to the scene of an accident. A weatherproof container is recommended for all items except the blankets. Blankets should be readily available to the first aid attendant.

Quantity	Required Item
1	Blanket
24	14 cm x 19 cm wound cleansing towelettes, individually packaged
50	Sterile adhesive dressings, assorted sizes, individually packaged
10	10 cm x 10 cm sterile gauze dressings, individually packaged
4	10 cm x 16.5 cm sterile pressure dressings with crepe ties
2	7.5 cm x 4.5 m crepe roller bandages
2	7.5 cm conforming gauze bandages
1	2.5 cm x 4.5 m adhesive tape
2	Cotton triangular bandages, minimum length of base 1.25 m
2	Quick straps (a.k.a. fracture straps or zap straps)
1	Windlass style tourniquet
1	14 cm stainless steel bandage scissors or universal scissors
1	11.5 cm stainless steel sliver forceps
1	Pocket mask with a one-way valve and oxygen inlet
6	Pairs of medical gloves (preferably non-latex)
1	Waterproof waste bag
	First aid records

Level 2 First Aid Kit: This table is excluded, as most forestry operations conduct work activities that do not require a Level 2 kit.

Level 3 First Aid Kit

These items must be kept clean and dry and ready to take to the scene of an accident. A weatherproof container is recommended for all items except the blankets. Blankets should be readily available to the first aid attendant.

Quantity	Required Item
1*	Blanket (*recommend minimum of 3)
24	14 cm x 19 cm wound cleansing towelettes, individually packaged
50	Sterile adhesive dressings, assorted sizes, individually packaged
20	10 cm x 10 cm sterile gauze dressings, individually packaged
4	10 cm x 16.5 cm sterile pressure dressings with crepe ties
4	20 cm x 25 cm sterile abdominal dressings, individually packaged
6	Cotton triangular bandages, minimum length of base 1.25 m
2	5 cm x 4.5 m rolls of adhesive tape
4	7.5 cm X 4 m conforming gauze bandages
4	7.5 cm x 4.5 m crepe roller bandages
1	14 cm stainless steel bandage scissors or universal scissors
1	11.5 cm stainless steel sliver forceps
4	Quick straps (a.k.a. fracture straps or zap straps)
1	Windlass style tourniquet
1	Pocket mask with a one-way valve and oxygen inlet
6	Pairs of medical gloves (preferably non-latex)
1	Waterproof waste bag
1	Penlight or flashlight
	Patient assessment charts
	First aid records

A Level 3 first aid kit includes an Oxygen Kit with the following contents:

- 1 Portable oxygen therapy unit consisting of a cylinder of compressed oxygen, a pressure regulator, a pressure gauge, a flow meter, non-rebreathing mask and nasal cannula
- 1 Oropharyngeal airway kit
- 1 Manually operated self-inflating bag-valve mask with an oxygen reservoir
- 1 Digital pulse oximeter
- 1 Portable suction unit

Dressing station - a dressing station should be at least 4.2 sq. metres, (48 sq. ft.), and have the following dressing station equipment:

Quantity	Recommended Item
3	Blankets
1	Refuse pail with lid
1	Package of paper towels
1	Bifocal magnifier with head strap, 12.5 cm focus
1	Eye cup
1	14 cm stainless steel bandage scissors or universal scissors
1	11.5 cm stainless steel sliver forceps
1	Penlight or flashlight
24	14 cm X 19 cm wound cleansing towelettes, individually packaged
1	150 ml liquid antibacterial soap
4	Cold packs
100	Sterile adhesive dressings, assorted sizes, individually packaged
24	Sterile skin closures, individually packaged
6	20 cm x 25 cm sterile abdominal dressings, individually packaged
3	30 cm x 40 cm sterile abdominal dressings, individually packaged
100	7.5 cm x 7.5 cm gauze sponges
24	7.5 cm x 7.5 cm sterile gauze dressings, individually packaged
24	10 cm x 10 cm sterile gauze dressings, individually packaged
4	7.5 cm x 4.5 m crepe roller bandages
2	10 cm x 16.5 cm sterile pressure dressings with crepe ties
1	7.5 cm x 4.5 m adhesive crepe bandage
2	2.5 cm x 4.5 m rolls of adhesive tape
2	5 cm x 4.5 m rolls of adhesive tape
2	5 cm x 1.8 m conforming gauze bandages
2	7.5 cm x 4 m conforming gauze bandages
6	Cotton triangular bandages, minimum length of base 1.25 m
2	SAM splints or quick splint equivalent
1	#01 4.5 m tubular finger bandage with applicator

1	Kidney basin
1	Wash basin
1	Cold instrument sterilizer with supply of non-rusting germicidal solution
1	Chair suitable for treating injured worker (with a non-porous surface or covered with non-porous material)
	Patient assessment charts
	First aid records
*	Optional consideration of an Automatic External Defibrillator - refer to G3.16(2)-2

First Aid Room: A first aid room should be at least 9.3 square metres (100 sq. ft.). It should have the following:

- Storage cupboards
- A counter
- A toilet, or have a toilet facility as near as practicable
- The following first aid room equipment:

Quantity	Item Description
3	Blankets
1	refuse pail with lid
1	Package of paper towels
1	Eye lamp, self-illuminating, magnifying
1	Eye cup
1	14 cm stainless steel bandage scissors
1	11.5 cm stainless steel sliver forceps
1	15 cm stainless steel thin nosed plier-type forceps
1	Universal scissors
1	Penlight or flashlight– (Under the “new” requirements, there is no mention of having adequate batteries for these items)
36	14 cm x 19 cm wound cleansing towelettes, individually packaged
1	150 ml liquid antibacterial soap
6	Cold packs
100	Sterile adhesive dressings, assorted sizes, individually packaged

48	Sterile skin closures, individually packaged
6	20 cm x 25 cm sterile abdominal dressings, individually packaged
3	30 cm x 40 cm sterile abdominal dressings, individually packaged
6	Sterile eye pads, individually packaged
200	7.5 cm x 7.5 cm gauze sponges
72	7.5 cm x 7.5 cm sterile gauze dressings, individually packaged
72	10 cm x 10 cm sterile gauze dressings, individually packaged
6	7.5 cm x 4.5 m crepe roller bandages
4	10 cm x 16.5 cm sterile pressure dressings with crepe ties
2	7.5 cm x 4.5 m adhesive crepe bandages – NEW
2	2.5 cm x 4.5 m rolls of adhesive tape
2	5 cm x 4.5 m rolls of adhesive tape
4	5 cm x 1.8 m conforming gauze bandages
4	7.5 cm x 4 m conforming gauze bandages
6	Cotton triangular bandages, minimum length of base 1.25 m
4	SAM splints or quick splint equivalent – NEW
1	#01 4.5 m tubular finger bandage with applicator
1	Kidney basin
1	Wash basin
1	Cold instrument sterilizer with supply of non-rusting germicidal solution
1	Chair suitable for treating injured worker with a non-porous surface or covered with a non-porous material
1	Bed approximately 2 m long X 75 cm wide, with a mattress having a non-porous surface or covered with a non-porous material
2	Pillows with a non-porous surface or covered with a non-porous material
4	Sheets
1	Portable urinal, if overnight care may be required
1	Bedpan, if overnight care may be required
✓	Patient assessment charts
✓	First aid records
*	Optional consideration of an Automatic External Defibrillator - refer to WorkSafeBC OHS Guideline – G3.16(2)-2

Removed	Pen (for completing forms) ¹
Removed	Safety pins ¹
Removed	4.5 kg Sand bags ²
Removed	Oral thermometer
Removed	Nail brush
Removed	Metal splints, minimum length 60 cm
Removed	Tongue depressors
Removed	Cotton tip applicators ¹
Removed	30 gram tubes water soluble burn treatment
Removed	100 ml liquid adhesive tape remover ¹ Note: It appears that liquid adhesive tape remover may no longer be available in liquid form; however many suppliers are providing a similar product in individual towelette format.
Removed	7.5 cm x 4.5 m esmarch gum rubber bandage
Removed	500 ml sterile 0.9% sodium chloride solution (saline) in unbreakable container

¹ These items should be retained as a matter of “good practice”.

² Sand bags were originally provided for immobilization the head / neck area. Under these new requirements, the sand bags are replaced with the “Head Immobilizer” (e.g. “Head Bed”™) in the ETV equipment, but not in the First Aid Room equipment.

ETV Equipment

An Emergency Transport Vehicle (ETV) should contain the following equipment:

OLD	NEW	Description
1	1	Set of hard cervical collars covering all adult sizes (or 2 adjustable hard cervical collars), plus a head immobilizer ³ – NEW (Immobilizer only)
–	1	Lifting device with handholds, acceptable to WorkSafeBC, and securing straps to secure an injured worker **
1	See “note” ** below	spine board with handholds, no less than 44 cm x 1.8 m x 2 cm, acceptable to WorkSafeBC, and seven 1.8 m x 5 cm heavy Velcro straps or equivalent to secure an injured worker **
1	1	Stretcher to transport an injured worker. The stretcher must have retainer straps and a suitable mattress or padding ^^
6	6	Blankets
–	2	Lower limb splints, minimum 1 m in length with suitable padding
2	2	Vomitus bags
1	Removed	Where a Level 3 first aid attendant is necessary (required), the following equipment should be added: 1 – set of wooden splints, to include 2 – splints (1 cm x 10 cm x 1 m notched with 2.5 cm padding) 1 – splint (1 cm x 10 cm x 1.5 m notched with 2.5 cm padding) NOTE: These wooden splints have been replaced by the 2 “Lower Limb Splints” which do not have to be wooden (i.e. there are commercial types available).
2	Removed	4.5 kg sand bags ²

** This reference to a “Lifting device with handholds” is intended to refer to a “Clamshell” type stretcher, also referred to as a “scoop stretcher”. However at this point in time, while it appears that any specific reference to a “spine board” has been removed; the “new” wording does not preclude or eliminate the use of a spine board to meet this requirement.

^^ The current “new” wording related to the requirement for a stretcher DOES NOT make ANY reference to the need for a “basket stretcher” when an injured worker must be carried over rough terrain. Presumably, the Company will select the “correct” type of stretcher for carrying an injured person over rough terrain.

³ The OHS Guideline does NOT specify the type of head immobilizer to be provided, although this is reportedly discussed during the training workshop. Since there are two (2) adjustable collars required, it would be wise to provide two (2) head immobilizers rather than the single one indicated.