



MIOSHA Fact Sheet

Construction Safety & Health Division

First Aid and Emergency

Requirements for Construction

First aid and emergency preparedness is an essential component of every employer's Accident Prevention Program. No matter how effective an Accident Prevention Program may be; it wouldn't be realistic or wise to think an emergency or injury will never occur while working in the construction trades. Some injuries may only require a band-aid, while others may require assistance well beyond first-aid.

Construction workers typically do not have a fixed work place with the same conditions everyday. It's fast-paced and continuously changing every day. On any given day, they may be working at a different location or project, working along side people they never worked with before, or exposed to different work activities and hazards. These ever-changing conditions may increase the potential of an injury or illness.

MIOSHA Rules:

MIOSHA Construction Safety Standard - [Part 1. General Rules](#), Rule 114 requires employers to have an Accident Prevention Program that includes instruction and training of employees on working safely to prevent injuries or illnesses. The employer must also instruct their employees on procedures to be followed in case of an emergency. Injuries and illnesses can be prevented from becoming more severe by providing prompt first aid and emergency assistance.

[Part 1](#), Rule 132 has specific requirements for emergency preparedness, first aid training, and supplies. The requirements include ensuring the availability of medical personnel for advice and consultation on matters of occupational health and ensuring provisions for prompt medical attention in case of serious injury. **This means the employer must have a plan in place before beginning a project that addresses how these requirements will be met.**

Rule 132 (3) requires a person with a valid first aid certificate on each jobsite. It states: "A person who has a valid certificate in first aid training shall be present at the worksite to render first aid. A certificate is valid if the requirements necessary to obtain the certificate for first aid training meet or exceed the requirements of the United States Bureau of Mines, the American Red Cross, the guidelines for basic first aid training programs, or equivalent training."

At least one employee at every jobsite must be trained and ready to provide first aid treatment in an emergency situation, and must be present at the worksite during construction activities. This requirement may be satisfied by a first aid person from any employer at the worksite, provided employees know who the certified first aid person is. Additional provisions must be made to ensure alternate first aid persons are available when the primary first aid person is absent from the jobsite. Employers may need to make arrangements for several first aid persons for larger worksites.

Although Cardiopulmonary Resuscitation (CPR) training is not a requirement under MIOSHA standards, MIOSHA recommends CPR training along with first aid training. A good share of construction accidents may not be addressed in a basic first aid course. A victim of an electrical contact whose breathing and/or heart has

stopped must receive immediate assistance from a CPR trained person or death is imminent within three to five minutes. There are other types of construction accidents, such as falls, drowning and cave-ins that may also require CPR. Employees must receive refresher training for first aid at least once every three years. Refresher training and certification for CPR is required annually.

Where a remote location or a single employee worksite exists, an employer must provide a written plan that includes alternate methods of assuring available treatment for employees at a remote location or single-employee worksite. The written plan must be communicated to all affected employees.

Rule 132 (5) requires first aid supplies be available on each jobsite. It states: “An employer shall assure that there are first aid supplies at each jobsite and that the supplies are readily accessible.”

First aid supplies must be sealed in individual packages, stored in a weather proof container and inspected before they are sent out to the jobsite and at least weekly to replace any expended items. Employees must be made aware of the location of the first aid supplies.

Rule 132 (6) requires that the contents of a first aid kit must be approved by a consulting physician. The American National Standards Institute (ANSI) Z308.1-2003 “Minimum Requirements for Workplace First Aid Kits” requires certain first aid supplies and quantities for compliance with Z308.1-2003, and recommends others items.

Required:

Absorbent Compress - 1
(32 sq. in., minimum 4” side)
Adhesive Bandages (1”x 3”) - 16
Adhesive Tape (3/8” x 5yd.) - 1
Antiseptic (0.14 fl. oz.) - 10
Burn Treatment (1/32 oz.) – 6
Medical Exam Gloves - 2 pair
Sterile Pad (3”x 3”) - 4
Triangular Bandage (40”x 40”x 56”) – 1

Recommended:

Oral Analgesic
Antibiotic Treatment
Bandage Compress
Breathing Barrier
Burn Dressing
Cold Pack
Eye Covering
Eye Wash
Roller Bandage

The size of the jobsite, the type of work, the number of employees, past experience, and physician consultation must guide the selection of and number of first aid kits, location, inspection and re-supply, and the types of first aid supplies to stock.

Employers must also provide proper equipment to promptly and safely transport an injured person to a hospital or physician and a communication system for contacting 911. The telephone numbers for a physician, hospital, or emergency service must be posted at the jobsite. It is a good idea to post the address and/or location of the jobsite in this same location so directions can be given promptly to emergency responders.

For additional assistance, please contact the Construction Safety and Health Division at 517-284-7680 or the Consultation Education and Training Division at 517-284-7720. Construction Safety Standards and other information regarding employee safety and health can be viewed on the MIOSHA website at www.michigan.gov/miosha.

LEO is an equal opportunity employer/program.



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