



---

**IDAHO BUREAU of EMERGENCY MEDICAL SERVICES & PREPAREDNESS**

**Minimum Equipment Standards for Licensed EMS Services**

---

Authority:

Idaho Code §56-1011 to §56-1023

Rules Governing Emergency Medical Services: IDAPA 16.01.03 “Agency Licensing Requirements”

---

Idaho EMS Bureau

PO Box 83720

Boise, ID 83720-0036

(877) 554-3367

Fax: (208) 334-4015

Email: [idahoems@dhw.idaho.gov](mailto:idahoems@dhw.idaho.gov)

Web: [www.idahoems.org](http://www.idahoems.org)

I. Table of Contents

I. Table of Contents .....2

II. Minimum Equipment Standards .....3

III. Equipment Specifications .....4

IV. Ground Non-transport Equipment Requirements.....5

## II. Minimum Equipment Standards

Each EMS agency must maintain sufficient quantities of medical care supplies and devices specified in the minimum equipment standards to ensure availability to treat the anticipated number of patients for each response.

- a) Ground Non-transport EMS Agencies must maintain the following equipment availability for each response.
  - i) Access to Equipment. Licensed personnel must have access to the required equipment as specified in the agency minimum equipment standards.
  - ii) Equipment Storage. The equipment must be stored on a dedicated response vehicle or be in the possession of licensed personnel.
- b) Ground Ambulance EMS Agencies must maintain the following equipment availability for each response.
  - i) Medical Care Supplies. Each ambulance must be equipped with medical care supplies and devices as specified in the agency minimum equipment standards unless;
    - (1) The agency is dispatched by a public safety answering point (PSAP) that uses an emergency medical dispatch (EMD) process to determine the clinical needs of the patient. The agency must ensure the availability of medical care supplies and devices as specified in the agency minimum equipment standards for the clinical level that are appropriate for each response, or
    - (2) The agency is transferring patients from one (1) medical care facility included in their designated geographic coverage area to another and will be equipped with medical care supplies and devices appropriate for the patient identified by the sending facility.
- c) Air Medical EMS Agencies must have the medical equipment specified in the agency minimum equipment standards available for each response.
- d) Equipment Quantity and Quality Standards;
  - i) Each licensed EMS agency will stock adequate quantities of disposable items to ensure continued availability for all routine responses. This can be done through an established timely restocking mechanism or maintaining extra inventory on hand.
  - ii) Routinely used sterile disposable items will be available in quantities to ensure at least one backup item of each size.
  - iii) Medications must be available for each response and include at least one backup or extra dose.
  - iv) Non sterile disposable items will be available in sufficient quantities to ensure appropriate treatment for all patients.
  - v) All dated items and medications must be current.
  - vi) All equipment and disposable items must be kept clean and maintained in fully operable condition.

### III. Equipment Specifications

The following specifications provide additional clarification for selected items in the equipment tables. The minimum number addresses *one patient capability*, which is being prepared to manage a single patient. Agencies that do not have multiple resources responding to manage multiple patients should stock additional items.

1. Advanced Airway Devices not Intended for Tracheal Insertion; This includes devices such as King and Combi-Tube. Two sets of various adult sizes required. Paramedic level services also require pediatric sizes.
2. Endotracheal Tubes; Sizes 2.5 –5.5 mm cuffed and/or un-cuffed and 6 – 8 mm cuffed; two (2) of each range; other sizes optional.
3. Laryngoscope Blades; Sizes 0 –4 straight (Miller); sizes 2–4 curved (Macintosh) with spare bulbs, if used. Video laryngoscope also meets this requirement.
4. Laryngoscope Handle; Includes extra batteries, if used.
5. Chest Decompression Equipment; Large bore needle should be at least 3.25” in length for needle chest decompression in large adults.
6. Oropharyngeal Airways; Sizes 0–5 adult, child, and infant sizes; two (2) sets required.
7. Nasopharyngeal Airways; 16F–34F adult and child sizes; 2 sets of 5 required to include the smallest and largest sizes. Agency choice of mid-range sizes.
8. Portable Suction; An electric portable suction may also be used as a fixed suction device when attached to a mounting system in the ambulance accessible for immediate use. An additional portable suction is also required if this configuration is used.
9. Flexible Suction Catheters; 6F–16F adult and child sizes; two (2) sets of four (4) required. Must have smallest and largest sizes. The agency may choose the additional mid-range sizes.
10. Sphygmomanometer/Cuffs; Adult and pediatric sizes required to include, infant, child, adult, large adult. Manual type required.
11. Monitor/Defibrillator; Manual devices must include adult and pediatric capabilities. May be a multi-function or stand-alone device. Include extra batteries and tape.
12. End Tidal CO<sub>2</sub> Detection Capability; May be colorimetric or quantitative. May be a stand-alone device or component of multi-function monitor.
13. OB Kit; Commercially available or a dedicated locally developed equivalent.
14. Long Spinal Immobilization Devices; Impervious ridged (long; radiolucent preferred) head-to-foot length with at least three appropriate restraint straps. Pediatric capabilities must include padding for children or additional pediatric sized devices.
15. Intravenous Fluids; Multiple bags; must include normal saline. Minimum two (2) liters per patient capability. Additional bags required if used for irrigation.
16. Bag Valve Mask Resuscitators; Adult and pediatric sizes with neonate, child, and adult masks. May also use multi-size capability masks (e.g. Blob).
17. Portable Oxygen Supply with Regulators; Minimum one (1) with one (1) extra cylinder available.
18. Traffic Warning Devices; Both light emitting and reflective.
19. Intraosseous Needles or Device; Appropriate for adult and pediatric use; two (2) needles minimum.
20. Intravenous Tubing Administration Sets; Macro and micro drip; minimum two (2) of each size.
21. Intravenous Catheters; 14 – 24 gauge; minimum two (2) of each size for each patient capability.
22. Large Sterile Dressings; Dressings capable of covering large wounds singularly or by using multiple dressings; multiple quantities. Typically range from 5x9 to 10x30 sizes.

**IV. Ground Non-transport Equipment Requirements**

Legend-  
 X = Required Item  
 O = Required item when the skill is adopted as an Optional Module consistent with the Rules of the Idaho Emergency Medical Services Physician Commission

Service Type	Ground Non-transport					Operational Declaration	Comments
Agency Clinical Level	ILS						
Personnel License Level	AEMT						
	Prehospital	Prehospital Support	CH EMS	Standby	Non-Public		
Item	Specifications # [ ]						
Advanced Airway Devices not Intended for Tracheal Insertion	X	X		X	X	[1]	
Syringe (for cuff inflation)	X	X		X	X		
Tube Holder	X	X		X	X		
Lubricating Jelly (water-soluble)	X	X		X	X		
Oropharyngeal Airways	X	X		X	X	[6]	
Nasopharyngeal Airways	X	X		X	X	[7]	
Portable Suction	X	X		X	X	[8]	
Flexible Catheters	X	X		X	X	[9]	
Tonsillar Suction Tip (Yankauer)	X	X		X	X		
Sphygmomanometer/Cuffs	X	X	X	X	X	[10]	
Stethoscope	X	X	X	X	X		
Thermometer	X	X	X	X	X		
Length/weight-based tape/wheel reference for pediatric equipment sizing	X	X	X	X	X		
Glucometer Kit	X	X	X	X	X		
Pulse Oximetry Device	X	X	X	X	X		
End Tidal CO2 Detection Capability	X	X		X	X	[12]	
AED with Pads and Supplies (include pediatric capabilities)	X	X		X	X		
OB Kit	X	X		X	X	[13]	
Thermal and Radiant Newborn Blanket	X	X		X	X		
Cervical Collars (adult and pediatric sizes)	X	X		X	X		
Head Immobilization Device	X	X		X	X		

## ILS AEMT Non-transport

Long Spine Immobilization Device	[14]	X	X		X	X
Straps		X	X		X	X
Short Spinal Immobilization Device		X	X		X	X
Splints – Extremity (adult and pediatric sizes)		X	X		X	X
Traction Splint (adult and pediatric)		X	X		X	X
Disinfectant/Cleaning Supplies		X	X	X	X	X
Antiseptic Wipes		X	X	X	X	X
Antimicrobial Hand Wash		X	X	X	X	X
Biohazard Bags		X	X	X	X	X
Trash Bags		X	X	X	X	X
Sharps Containers (Portable)		X	X		X	X
Triage Tags		X	X		X	X
Hot/Cold Packs		X	X		X	X
Trauma Shears		X	X		X	X
Medication Formulary		X	X		X	X
Blanket		X	X		X	X
Portable Radio (State Communications Fx)		X	X		X	X
Patient Restraining Capabilities		X	X		X	X
Ring Cutter		X	X		X	X
Intravenous Fluids	[15]	X	X		X	X
Needles: Various Sizes		X	X		X	X
Oral Glucose		X	X		X	X
Oxygen Tubing		X	X		X	X
Simple Masks		X	X		X	X
Nasal Cannula		X	X		X	X
Non-Rebreather Masks		X	X		X	X
Bag Valve Mask Resuscitators	[16]	X	X		X	X
Portable Oxygen Supply with Regulator	[17]	X	X		X	X
Emergency Response Guidebook		X	X	X	X	X
Fire Extinguisher		X	X		X	X
Flashlight		X	X		X	X
Traffic Warning Devices	[18]	X	X		X	X
Exam Gloves		X	X	X	X	X
Gowns		X	X	X	X	X
Eye Protection		X	X	X	X	X
N95 Masks		X	X	X	X	X
Safety Vests – Meet Current Standard		X	X	X	X	X
Intraosseous (IO) Needles or Device	[19]	X	X		X	X
Intravenous Tubing Administration Sets	[20]	X	X		X	X

## ILS AEMT Non-transport

<b>Intravenous Catheters</b>	[21]	X	X		X	X
<b>Pressure Bag</b>		X	X		X	X
<b>Syringes (Various sizes)</b>		X	X		X	X
<b>Venous Tourniquet</b>		X	X		X	X
<b>4"x4" Sterile Dressings</b>		X	X		X	X
<b>Large Sterile Dressings</b>	[22]	X	X		X	X
<b>Sterile Burn Sheets</b>		X	X		X	X
<b>Kerlix or Kling (rolled bandages)</b>		X	X		X	X
<b>Occlusive Dressings or Chest Seal Devices</b>		X	X		X	X
<b>Saline for Irrigation</b>		X	X		X	X
<b>Tape</b>		X	X		X	X
<b>Tourniquet (hemorrhage control)</b>		X	X		X	X
<b>Pocket Mask/Valve</b>		X	X		X	X
<b>CO Oximetry</b>		O	O		O	O
<b>Nebulizer</b>		X	X		X	X
<b>Intranasal Atomizer</b>		X	X		X	X
<b>Patient Care Protocols</b>		X	X	X	X	X
<b>Patient Care Charts/Forms</b>		X	X	X	X	X