



Idaho Bureau Of Emergency Medical Services & Preparedness

Minimum Equipment Standards for Licensed EMS Agencies

Authority:

Idaho Code §56-1011 to §56-1023

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

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II. Minimum Equipment Standards

- A. Items listed in the Minimum Equipment Requirements for the agency's service type and clinical level must be available in dedicated response vehicles with appropriate EMS provider access to the equipment, or available in a location that can be immediately accessed by a licensed EMS provider responding to an emergency.
- B. Each EMS agency must maintain quantities of medical care supplies, medications, and devices specified in the minimum equipment standards that are sufficient for the anticipated call volume.
- C. All required equipment and supplies must be kept clean, disinfected as appropriate, and in fully operable condition at all times.
- D. Any equipment requiring additional components to fully function must have those components available for immediate use, and their compatibility with such equipment must be confirmed.
- E. Equipment that is used for direct patient care but is no longer supported by the manufacturer or secondary-market vendors, and any required components are no longer manufactured, will not be considered operational and must be removed from service.
- F. All dated items, fluids, and medications must be unexpired.
- G. Packaging of sterile items must not be compromised.

Air Medical Rescue services must have access to all the required equipment and supplies listed in the Minimum Equipment Standards for their service type and clinical level, in the conditions specified in the Equipment Specifications, but they may use discretion in determining which equipment, and the amounts of such equipment, to take on each mission based on aircraft and personnel safety and specific mission parameters.

Agencies whose Medical Directors and/or agency leadership have approved equipment, medications, or supplies not in the Minimum Equipment Requirements but is within the scope of practice at the agencies' clinical level, may elect to carry and utilize such items per agency protocols.

III. Service Minimum Equipment Requirements by Clinical Level

Category	Minimum Equipment List	Nontransport				Transport				Air Medical			
		EMR	EMT	ILS	ALS	BLS	ILS	ALS	CC	BLS	ILS	ALS	CC
PPE	Exam Gloves	X	X	X	X	X	X	X	X	X	X	X	X
PPE	Eye Protection	X	X	X	X	X	X	X	X	X	X	X	X
PPE	Gowns	X	X	X	X	X	X	X	X	X	X	X	X
PPE	N95 Masks	X	X	X	X	X	X	X	X	X	X	X	X
Medical	Peds equip sizing length/weight-based tape/wheel	X	X	X	X	X	X	X	X	X	X	X	X
Medical	Medication Formulary	X	X	X	X	X	X	X	X	X	X	X	X
Medical	OB Kit	X	X	X	X	X	X	X	X	X	X	X	X
Medical	Pulse Oximetry Device		X	X	X	X	X	X	X	X	X	X	X
Medical	Saline for Irrigation	X	X	X	X	X	X	X	X	X	X	X	X
Medical	Sphygmomanometer/BP Cuffs	X	X	X	X	X	X	X	X	X	X	X	X
Medical	Stethoscope	X	X	X	X	X	X	X	X	X	X	X	X
Medical	Medical Tape, 1 in, 3 in	X	X	X	X	X	X	X	X	X	X	X	X
Medical	Patient Care Protocols	X	X	X	X	X	X	X	X	X	X	X	X
Medical	Thermal or Radiant Newborn Blanket	X	X	X	X	X	X	X	X	X	X	X	X
Medical	Thermometer	X	X	X	X	X	X	X	X	X	X	X	X
Medical	Trauma Shears	X	X	X	X	X	X	X	X	X	X	X	X
Medical	Glucometer Kit		X	X	X	X	X	X	X	X	X	X	X
Trauma	Spinal Immobilization Straps	O	X	X	X	X	X	X	X	X	X	X	X
Trauma	Cervical Collars (adult and ped)	O	X	X	X	X	X	X	X	X	X	X	X
Trauma	Extrication Long Board	O	X	X	X	X	X	X	X	X	X	X	X
Trauma	Head Immobilization Device	O	X	X	X	X	X	X	X	X	X	X	X
Trauma	Hot/Cold Packs	X	X	X	X	X	X	X	X	X	X	X	X
Trauma	Kerlix or Kling (rolled bandages)	X	X	X	X	X	X	X	X	X	X	X	X
Trauma	Large Sterile Dressings	X	X	X	X	X	X	X	X	X	X	X	X
Trauma	Occlusive Dressings or Chest Seal Devices	X	X	X	X	X	X	X	X	X	X	X	X
Trauma	Splints – Extremity (adult and pediatric sizes)	O	X	X	X	X	X	X	X	X	X	X	X
Trauma	Sterile Burn Sheets	X	X	X	X	X	X	X	X	X	X	X	X
Trauma	Tourniquet (hemorrhage control)	X	X	X	X	X	X	X	X	X	X	X	X
Trauma	Traction Splint (adult/pediatric)		X	X	X	X	X	X	X	X	X	X	X
Airway	Bag Valve Mask Resuscitators (adult and ped)	X	X	X	X	X	X	X	X	X	X	X	X
Airway	Nasopharyngeal Airways		X	X	X	X	X	X	X	X	X	X	X
Airway	Oropharyngeal Airways	X	X	X	X	X	X	X	X	X	X	X	X

Airway	Portable Suction & Tubing	X	X	X	X	X	X	X	X	X	X	X	X
Airway	Fixed Suction & Tubing					X	X	X	X	X	X	X	X
Airway	Tonsillar Suction Tip (Yankauer)	X	X	X	X	X	X	X	X	X	X	X	X
Airway	Advanced Airway Devices - Supraglottic (SGA)		O	X	X	O	X	X	X	O	X	X	X
Airway	End Tidal CO2 Detection Capability		O	X	X	O	X	X	X	O	X	X	X
Airway	CO Oximetry		O	O	O	O	O	O	O	O	O	O	O
Airway	Tube Holder		O	X	X	O	X	X	X	O	X	X	X
Airway	Endotracheal Tubes				X			X	X			X	X
Airway	ET Tube Stylettes				X			X	X			X	X
Airway	Laryngoscope Blades & Handle (with batteries)				X			X	X			X	X
Airway	Magill Forceps (Adult and Pediatric sizes)				X			X	X			X	X
Airway	Meconium Aspirator Adaptor				X			X	X			X	X
Airway	Needle Chest Decompression Equipment				X			X	X			X	X
Airway	Surgical Cricothyrotomy Kit				O			O	X			O	X
Oxygenation	Nasal Cannula	X	X	X	X	X	X	X	X	X	X	X	X
Oxygenation	Non-Rebreather Masks	X	X	X	X	X	X	X	X	X	X	X	X
Oxygenation	Oxygen Tubing	X	X	X	X	X	X	X	X	X	X	X	X
Oxygenation	Portable Oxygen with Regulator	X	X	X	X	X	X	X	X	X	X	X	X
Oxygenation	Fixed Oxygen Supply					X	X	X	X	X	X	X	X
Oxygenation	Oxygen Flow Meter (liter)					X	X	X	X	X	X	X	X
Oxygenation	CPAP					O	O	X	X	O	O	X	X
Oxygenation	Automated Transport Ventilator (Enhanced CC)								X				X
Oxygenation	Automated Transport Ventilator (intubated)							X	X			X	X
Cardiac	AED + Pads and Supplies (including pediatric)	X	X	X		X	X			X	X		
Cardiac	Monitor/Defibrillator + Pads & Supplies (including pediatric)				X			X	X			X	X
Cardiac	12 Lead EKG + Pads & Supplies	O	O	O	X	O	O	X	X	O	O	X	X
Cardiac	Transcutaneous Cardiac Pacemaker				X			X	X			X	X
IV/Med Delivery	IM Injection Needles	O	O	X	X	O	X	X	X	O	X	X	X
IV/Med Delivery	Syringes (Various sizes)	O	O	X	X	O	X	X	X	O	X	X	X
IV/Med Delivery	Intranasal Atomizer			X	X		X	X	X			X	X
IV/Med Delivery	Nebulizer			X	X		X	X	X			X	X
IV/Med Delivery	Intraosseous (IO) Needles or Devise		O	X	X	O	X	X	X	O	X	X	X
IV/Med Delivery	Venous Tourniquet		O	X	X	O	X	X	X	O	X	X	X
IV/Med Delivery	Intravenous Catheters		O	X	X	O	X	X	X	O	X	X	X
IV/Med Delivery	Intravenous Fluids		O	X	X	O	X	X	X	O	X	X	X

IV/Med Delivery	Intravenous Tubing Administration Sets		O	X	X	O	X	X	X	O	X	X	X
IV/Med Delivery	IV Fluid Pressure Bag		O	X	X	O	X	X	X	O	X	X	X
IV/Med Delivery	IV Infusion Pump								O			O	X
Misc	Bedpan/Urinal					X	X	X	X	X	X	X	X
Misc	Emesis Basin					X	X	X	X	X	X	X	X
Misc	Stair Chair					X	X	X	X				
Misc	Stretcher - Scoop					X	X	X	X				
Misc	Antimicrobial Hand Wash	X	X	X	X	X	X	X	X	X	X	X	X
Misc	Biohazard Bags	X	X	X	X	X	X	X	X	X	X	X	X
Misc	Disinfectant/Cleaning Supplies	X	X	X	X	X	X	X	X	X	X	X	X
Misc	Safety Vests – NHTSA	X	X	X	X	X	X	X	X	X	X	X	X
Misc	Sharps Containers (Fixed/Portable)	X	X	X	X	X	X	X	X	X	X	X	X
Misc	Blanket	X	X	X	X	X	X	X	X	X	X	X	X
Misc	Cot					X	X	X	X	X	X	X	X
Misc	Emergency Response Guidebook	X	X	X	X	X	X	X	X	X	X	X	X
Misc	Fire Extinguisher	X	X	X	X	X	X	X	X	X	X	X	X
Misc	Flashlight	X	X	X	X	X	X	X	X	X	X	X	X
Misc	Mobile/Portable Radio (State Communications Fx)	X	X	X	X	X	X	X	X	X	X	X	X
Misc	Traffic Warning Devices	X	X	X	X	X	X	X	X	X	X	X	X
Misc	Triage Tags	X	X	X	X	X	X	X	X	X	X	X	X
Specialty	BiPAP								O				X
Specialty	IABP Monitor								O			O	O
Specialty	Invasive Hemodynamic Monitor								O				

IV. 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 the King, Igel, LMA, 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.
12. End Tidal CO2 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. Extrication Long Board; Impervious ridged (long; radiolucent preferred) head-to-feet length with at least three appropriate restraint straps.
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