

# Oregon Health Authority &

Multnomah County Emergency Medical Services 2022-2023



## **BASIC LIFE SUPPORT**

**Ground Ambulance Inspection Form** 

☐ INITIAL INSPECT		RE-INSPECTION					
ANNOUNCED IN	SPECTION		☐ SE	ELF INSPEC	CTION		
Date:							
Time:							
Agency Name:							
Contact Person:							
Office Phone:							
Cell Phone							
Fax:							
Email:							
Business Address:							
City:		9	State: Oregon		Zip:		
Physical Address:							
City:		9	State:		Zip:		
Level of Care:							
Basic Life Suppor	rt only						
Vehicle Status:							
☐ New in Service		On-line	e Unit		Reserve Unit		
Make of Vehicle:			Year of Manufacture:				
License:			Vehicle Shop Number:				
Vin:			Mileage:				
Model: Type I	☐ Type II		Type III	☐ Other	:		
Pass: Present and	Pass: Present and in good working order or placed at time of inspection						
Fail: Not present or not in good working order							
Notes: Note any ite	Notes: Note any item placed on the unit at time of inspection or any other relevant comment  MCEMS: Indicates Multnomah County EMS requirements in addition to Oregon Health Authority						
MCEMS: Indicates Mi		EIVIS red	quirements in a	addition to (	Oregon Health Authority		

#### **Rating Categories:**

Any issue of equivalency is the responsibility of the licensee.

A number represents the required inventory for a unit to be placed into service. A number in parenthesis in the minimum quantity required for a unit to remain in service after beginning the duty hours, for example: Obstetrical Kit (Disposable) 2 (1)

Any pertinent notes will documented in the NOTES section.

# Oregon Health Authority Public Health Division - Chapter 333 Division 255 AMBULANCE VEHICLE LICENSING 333-255-0060

Ground Ambulance Construction Criteria Updated: July 01, 2022

- (B) On or after July 1, 2022, if the new ground ambulance vehicle is constructed to comply with
- (i) The CAAS, GVS, v.2.0 Edition, July 1, 2019, incorporated by reference; or
- (ii) The NFPA, Standard for Automotive Ambulances, NFPA 1917, 2019 Edition, incorporated by reference.
- (b) Prior to granting an application for licensure, a new ground ambulance vehicle must have:
- (A) A CAAS GVS certification sticker and verification document(s); or
- (B) An NFPA certification sticker and verification document(s).
- (3)(a) The Authority may only approve an initial application for a previously operated ground ambulance vehicle if the vehicle meets any one of the following construction criteria:
- (A) The U.S. General Services Administration (GSA), November 1, 1994, Federal Specification for the Star-of-Life Ambulance Certification standards (KKK-A-1822D);
- (B) The U.S. General Services Administration (GSA), June 1, 2002, Federal Specification for the Star-of-Life Ambulance Certification standards (KKK-A-1822E);
- (C) The U.S. General Services Administration (GSA), August 1, 2007, Federal Specification for the Star-of-Life Ambulance Certification standards (KKK-A-1822F);
- (D) The Commission on Accreditation of Ambulance Services (CAAS), Ground Vehicle Standard (GVS) for Ambulances, v.1.0 Edition, July 1, 2016, or v.2.0 Edition, July 1, 2019; or
- (E) The National Fire Protection Association (NFPA), Standard for Automotive Ambulances, NFPA 1917, 2016 Edition or 2019 Edition.
- (b) A previously operated ground ambulance vehicle that meets the construction standards specified in paragraph (3)(a)(A) or (B) of this rule, must be inspected by an Emergency Vehicle Technician (EVT) certified by the EVT Certification Commission as an ambulance technician who provides documentation that the ambulance is in good operating condition and meets minimum safety requirements.
- (4) A licensed ambulance service that remounts a licensed ground ambulance vehicle or previously operated ground ambulance vehicle must apply for a new, initial ambulance vehicle license prior to operating the remounted vehicle.
- (5) The Authority shall only approve an initial application for a remounted Type I or Type III ground ambulance vehicle received by the Authority between June 28, 2021 and June 30, 2022, if:
- (a) The patient compartment was built after November 1, 1994; and
- (b) The remounting work is completed by a:
- (A) Recognized ambulance manufacturer;
- (B) Recognized vehicle modifier;
- (C) Remount center; or
- (D) Licensed ambulance service with an established in-house remount program and is inspected by a certified EVT in accordance with subsection (3)(b) of this rule.
- (c) The remounting work is completed in accordance with any federal regulations, any nationally recognized vehicle modification techniques, and using any industry standard parts and components.
- (6) A recognized ambulance manufacturer, a recognized vehicle modifier, a remount center, or ambulance service agency with an established in-house remount program completing a remount shall provide a notarized statement that the structural integrity of the specific patient compartment was not compromised during the remounting and must provide a Final Stage Vehicle Manufacturing Certificate of Compliance.
- (7) A licensed ambulance service may establish an in-house remount program by obtaining the necessary training, appropriate equipment and facilities to remount a vehicle to the described standard.
- (8) The Authority shall only approval an initial application for a remounted Type I or Type III ground ambulance vehicle received by the Authority on or after July 1, 2022 if the ground ambulance vehicle complies with either the CAAS, GVS, v.2.0 Edition, Section F, dated July 1, 2019, incorporated by reference or the NFPA 1917, 2019 Edition, Chapter 10 incorporated by reference.
- (a) The remounted ground ambulance vehicle shall show evidence of the CAAS GVS remount standard compliance sticker, or the NFPA 1917 certification and payload label.
- (b) The licensed ambulance service shall maintain appropriate documentation confirming compliance with the remount standard.

## Vehicle Equipment Minimum Standards for ALS/BLS Ambulance

NOTE: The following ground ambulance construction criteria was previously a OHA 333-255-0060 requirement; MCEMS will maintain same requirements regardless of age of vehicle

**Audio Warning Devices** 

No. of Items	MCEMS Requirement	Pass	Fail	Notes:
1	Siren - electronic with two (2) speakers mounted in grille			
1	Public address system			
1	Horn			
1	Backup alert system			

No.		_		
of	MCEMS Requirement	Pass	Fail	Notes:
Items				
2	Headlights - white with dim/ bright switch			
2	Front side marker lights (amber)			
2	Front side reflectors (amber)			
2	Front turn signals (amber)			
2	Front identification lights (amber)			
2	Front clearance lights (amber)			
2	Rear side marker lights (red)			
2	Rear side reflectors (red)			
2	Rear back reflectors (red)			
2	Rear identification lights (red)			
2	Rear clearance lights (red)			
2	Rear tail lights (red)			
2	Rear brake lights (red)			
2	Rear turn signal lights (red or amber)			
2	Rear backup lights (white)			
2	Rear license plate lights (white)			
2	Front warning light (red)			
2	Front warning light (white)			
2	Rear warning lights (red)			
1	Rear warning light(amber)			
2 per side	Side warning lights (red)			
2	Grille lights (red)			
1 per side	Intersection lights (white)			
1 per side	Flood lights			
1	Rear flood light			
	Interior lighting			

<b>Payload</b>	I, Shocks, Tires and Tire Char	nging Eq	uipmen	t
No. of Items	MCEMS Requirement	Pass	Fail	Notes:
	Payload capacity:			
	Unloaded Loaded			
2	Front tires (minimum tread of 3/32" even wear and good condition)			
2	Rear tires (minimum tread of 3/32" even wear and good condition)			
1	Spare tire (minimum tread of 3/32" even wear and good condition)			
1	Procedure outlining damaged wheel or tire in lieu of carrying spare tire, jack, and lug wrench			
1	Lug wrench			
1	Jack with handle			
	Main brakes (in good working condition)			
	Parking brake (in good working condition)			
2	Front and rear shocks			
Engine, No. of Items	Transmission and Electrical S	Systems Pass	Fail	Notes:
	Engine oil level			
	Transmission fluid level			
1	Ignition switch			
1	Electrical system (with all lights on, amp meter reads)			
1	Battery system, (dual 12-volt system with labeled selector device)			
Exhaust	t System			
No. of Items	MCEMS Requirement	Pass	Fail	Notes:
	Exhaust system (in good working condition with mufflers and tailpipes vented to sides of vehicle)			

Window	s, Mirrors			
No. of Items	MCEMS Requirement	Pass	Fail	Notes:
1	Windshield free from excessive rock chips or cracks			
2	Windshield wipers in good working condition			
1	Windshield washer unit functional with sufficient washer fluid			
1	Windshield defroster			
	Side and rear windows free from excessive rock chips or cracks			
1	Window between cab and patient compartment			
2	Side rear view mirrors R & L			
Seat Be	lts			
No. of Items	MCEMS Requirement	Pass	Fail	Notes:
2				
	Seatbelt for each seat in cab			
	Seatbelt for each seat in cab Seatbelt for each seat in patient compartment			
2	Seatbelt for each seat in patient			OHA Requirement
	Seatbelt for each seat in patient compartment  "Fasten Seatbelt" signs conspicuously displayed in both driver's and patient compartments			OHA Requirement  OHA Requirement
2	Seatbelt for each seat in patient compartment  "Fasten Seatbelt" signs conspicuously displayed in both driver's and patient compartments driver's patient's  "No Smoking - Oxygen Equipped" signs conspicuously displayed in both driver's and patient compartments			•
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No. of Items	MCEMS Requirement	Pass	Fail	Notes:
1	Heater front			
1	Heater patient compartment			
1	Air conditioner front			
1	Air conditioner rear			
1	Exhaust fan patient compartment			

**Security and Rescue Equipment** 

No. of Items	State of Oregon Requirement	Pass	Fail	Notes:
1	Fire extinguisher, 5 lb type 2A- 10BC must be mounted and accessible from patient and driver's compartment			
6	Nonflammable roadside warning devices that are reflective or illuminated			
1	Portable reusable light source, such as a flashlight or headlamp			
2 pair	Leather gloves for each crew member			
2+	American National Standards Institute (ANSI) Class 2 or 3 reflective vests or outerwear for each crew member			
1	**24" crow bar			
1	**51" wrecking bar			
1	2020 DOT ERG Hazmat Guidebook			

<sup>\*\*</sup>ORS 333-255-0072 - Adequate extrication equipment for agencies that provide initial response without the response of other rescue apparatus or equipment

Stretcher, Pediatric restraint system:

No. of Items	State of Oregon Requirement	Pass	Fail	Notes:
1	A wheeled stretcher:  Capable of securely fastening to the ambulance body;  Having restraining devices for the legs, pelvis, torso and two over the shoulder straps;  Containing a standard size foam mattress with a fluid resistant cover; and  Capable of having the head of the stretcher tilted upwards to a 60-degree semi-sitting position			
1	Appropriately-sized child restraint system(s) that, at a minimum, covers a weight range of between 10 and 99 pounds. Only the manufacturer's recommendations for the weight or size of the patient should be considered when selecting the appropriate device for the specific child being transported			
	Linen supplies and replacements to cover stretcher			
	Pillow and blanket (MCEMS)			

**Communications System** 

No. of Items	State of Oregon Requirement	MCEMS			Pass	Fail	Notes:	
		Mobile						
	Two-way radio communication equipment to provide reliable contact between the ambulance and central dispatch, the receiving hospital, and online medical direction	VHF 800 MHz		UHF				
1		Portable						
		VHF 800 MHz		UHF				
		Cellular Telepho	one					

**Patient Care Reporting** 

No. of Items	State of Oregon Requirement	MCEMS	Pass	Fail	Notes:
	Patient care report system as outlined in 333-250-0310	ePCR system			
5	Oregon Trauma System ID bracelets				
25	Triage tags				

Signage, Licenses & Certificates

Signage	e, Licenses & Certificates				
No. of Items	State of Oregon Requirement	MCEMS	Pass	Fail	Notes:
2	12" to 16" "Star-of-Life" emblem on left and right side panels				
Тор	32" blue "Star-of-Life" in emblem				
Rear	"Star-of-Life" emblem not less than 6" in emblem on each rear door				
Front		3" blue Star-of-Life emblem located left and right of the word ambulance			
Front	**Word "AMBULANCE" not less than 4" block letters in mirror image, centered above the grille (or approved alternative; see below)				
Sides and Rear		**Word "AMBULANCE" in 6" blue block letters on each side and rear (or approved alternative)			
Sides	Service name or logo in a location that does not interfere with the term "AMBULANCE" or the "Star-of-Life" emblem (or approved alternative)				
1		Final stage vehicle manufacturing certificate:  Location: Year:			Must comply with CAAS GVS v2.0 or NFPA 1917 Standard for Automotive Ambulances or U.S. General Services Administration (GSA) KKK-A-1822F
1		OHA-EMS ambulance license  Location: Rear window  License #  Expiration Date:			
Sides		Display level of service (i.e. Paramedic Unit, etc)			
		MCEMS Ambulance license decal Rear window ambulance license			
Sides		Sign reading "EMERGENCY DIAL 911" on each side			

<sup>\*\*</sup>ORS 333-255-0060 - Acceptable alternatives for the word "AMBULANCE" include generic terms that do not connote any particular level of service, limited to "MEDIC UNIT," "FIRE MEDIC UNIT," "EMERGENCY MEDICAL SERVICES," "EMS UNIT" or other phrases as the Authority, in its sole discretion, may permit.

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No. of Items	State of Oregon Requirement		МС	EMS		Pass	Fail	Notes:
	**	Strip	ic color: be color: ering color:					
		Nee	d of body work?					
			Yes		No			
		Nee	d of painting?					
			Yes		No			
		Clea	inliness?					
			Satisfactory		Unsatisfactory			J

<sup>\*\*</sup>ORS 333-255-0060 (10) - The owner of a ground ambulance must select an exterior color, emblems, and markings for the ground ambulance vehicle that will ensure the prompt recognition of that vehicle as an ambulance. All ground ambulance vehicles shall be clearly identified by appropriate emblems and markings on the front, side, roof, and rear of the vehicle.

#### **Ambulance Interior**

No. of Items	State of Oregon Requirement		MCI	EMS		Pass	Fail	Notes:
		Need	d of upholstery	work	?	]		
			Yes		No			
		Equi orga	pment organize nized manner?	ed in	a neat and			
			Yes		No			
		Clear	nliness?					
			Satisfactory		Unsatisfactory			

Patient Care Equipment - BLS Level of Care Onboard-Installed Medical Oxygen System

No. of Items	State of Oregon Requirement	Pass	Fail	Notes:
1	Installed medical oxygen cylinder with a capacity of at least 3,000 liters and having not less than 500 psi  **The installed medical oxygen cylinder must be located in a vented compartment			
1	Oxygen pressure regulator set to at least 50 psi  Pressure regulator meter and controls visible and accessible from inside the patient compartment			
2	oxygen flow-meters adjustable over a minimum range of 0 to 15 liters per minute			

Patient Care Equipment - BLS Level of Care Portable Medical Oxygen Equipment

No. of Items	State of Oregon Requirement	Pass	Fail	Notes:
1	Portable medical oxygen cylinder with a capacity of at least 300 liters and having not less than 500 psi			
1	Yoke regulator with a pressure gauge and non-gravity-dependent flow meter that is visible and accessible to the medical personnel adjustable over a minimum range of 0 to 15 liters per minute			
1	Spare portable oxygen cylinder that is full, tagged, sealed and securely mounted			

<sup>\*\*</sup> ORS 333-255-0072 - The compartment shall not be utilized for storage of any non-secured equipment. No combustible items shall be stored in the oxygen compartment.

#### **Intermediate Level Service Ambulance**

Multnomah County EMS does not recognize the Intermediate level Scope of Practice for ambulance licensees; Therefore, no equipment list or requirements for MCEMS Exist.

**Medical Oxygen Administration Equipment** 

No. of Items	State of Oregon Requirement	MCEMS	Pass	Fail	Notes:
3	Adult non-rebreather masks with tubing				
2	Infant non-rebreather masks with tubing	2 (1)			
3 each	Adult oxygen nasal cannula with tubing that is transparent and disposable	Adult nasal cannula and Nasal cannula with EtCO2			
2 each	Neonate and Pediatric oxygen nasal cannula with tubing that is transparent and disposable	Neonate and Pediatric nasal cannula and Nasal cannula with EtCO2			
1	Bag-valve-mask ventilation device reservoir and masks in neonate, infant, pediatric and adult sizes; must have a standard universal adapter, be operable with or without an oxygen supply, be manually operated and self-refilling	Neonate, infant, child, adult Small, medium, large			
3 (1)	Nebulizer	Nebulizer - Adult 3 (1) Aerosol mask with tubing - Adult 3 (1)			
2		Pediatric nebulizer mask			
1 each	Supraglottic airway devices in neonate to adult sizes	King Airway sizes 2, 2.5, 3, 4, 5 -OR-i-Gel sizes 1, 1.5, 2, 2.5, 3, 4, 5			
2 each	Oropharyngeal airways in neonate to adult sizes	50 mm to 110 mm			
2	Nasopharyngeal airways in neonate to adult sizes	12 FR to 32 FR			
1	Continuous oxygen saturation monitor in pediatric and adult sizes				
1	End-tidal CO2 detection device				
2		PEEP valve 2 (1)			
		Lubricant (e.g. KY) Earliest Expiration Date:			

**Suction Equipment** 

No. of Items	State of Oregon Requirement	MCEMS	Pass	Fail	Notes:
1	Onboard suction unit electrically operated				
1	Portable suction unit which can operate independent from electrical source and have enough back-up batteries to maintain suction during routine transport				
2	Collection canisters, either disposable or sealable liners, with adequate capacity	Canisters with lids 2 (1)			
		Must provide adequate suction and be adjustable for pediatrics			
4		8oz bottle of water for clearing suction tubing 250 mL 2 (1)			
2	Adequate supply of wide-bore tubing	2 (1)			
2	Adequate supply of commercial rigid pharyngeal curved suction tips in neonate to adult sizes	Yankauer suction tip or equivalent 2 (1)			
2	Adequate supply of commercial flexible suction catheters in neonate to adult sizes	8 FR, 12 FR, 16 FR 2 (1)			

MCEMS Vehicle Inspection Form 2022-2023 v1 - BLS Units

**Cardiac Monitoring Equipment - Basic Life Support requirements** 

No. of Items	State of Oregon Requirement	MCEMS	Pass	Fail	Notes:
1	Cardiac monitoring equipment including, at a minimum, a portable battery operated automatic external defibrillator (AED) with pediatric capabilities	AED with pediatric capabilities			
	Hands-free defibrillation patches for AED - ADULT	2 (1)			
	Hands-free defibrillation patches for AED - PEDIATRIC	2 (1)			

Portable cardiac monitor/defibrillator must be capable of operating independently of an electrical outlet and delivering total defibrillation energy sufficient to meet the number of shocks and power settings prescribed in the EMS Supervising Physicians standing orders and be inclusive of the American Heart Association or equivalent standards and guidelines for emergency cardiac care.

**Immobilization Equipment** 

No. of Items	State of Oregon Requirement	MCEMS	Pass	Fail	Notes:
1	Scoop stretcher, folding or non- folding type with necessary restraining devices with sufficient supplies for spinal motion restriction				
1	Short backboard or equivalent with necessary restraining devices with sufficient supplies for spinal motion restriction	KED or equivalent			
2	Long backboard with necessary restraining devices with sufficient supplies for spinal motion restriction	2 (1)			
1	Pediatric backboard with necessary restraining straps with sufficient supplies for spinal motion restriction				
4 (2)	Extrication collars in assorted pediatric and adult sizes	Adequate number of restraining devices and sufficient supplies for immobilizing the head			
1	Traction splints capable of pediatric and adult application	Sager splint or equivalent			
3 (1)	Extremity splints in pediatric and adult sizes	Cardboard arm and leg splints 3 (1)			
1 each	Pelvic sling in pediatric, adult and extra-large sizes	Pelvic Wrap			
1		Stair Chair			

# **Bandaging and Dressing Material**

No. of Items	State of Oregon Requirement	MCEMS	Pass	Fail	Notes:
	Bandages and dressings in assorted sizes				
10		Conforming gauze bandages			
25		Sterile 4x4 gauze sponges			
Large stack		Non-sterile 4x4 gauze sponges			
2 (1)	Occlusive dressings or equivalent	2 (1)			
4		Sterile bulk trauma dressings 8x30 (4) or 7x8 (4)			
2	Commercially manufactured arterial tourniquet	CAT Trauma Tourniquet or equivalent			
	Wound packing material, including hemostatic dressings	Combat gauze			
4		Triangular bandages			
3 (1)	Adhesive (consider hypo- allergenic) tape in assorted sizes	1" 2"			
1	Bandage shears				
2	Commercially packaged or sterile burn sheets	Burn sheet *sterile or fabric			
2		Rigid eye shields			
24		Band-Aids			

**Miscellaneous Equipment** 

No. of Items	State of Oregon Requirement	MCEMS	Pass	Fail	Notes:
2	Obstetrical kit (disposable)	2 (1)			
1	Hypothermia thermometer				
1		Oral thermometer with protective case			
1		Rectal thermometer with protective case			
	Chemical cold packs	6 (3)			
	Chemical hot packs	6 (3)			
	Emesis containers/bags	6 (3)			
1 each	Urinals; female and male				
1	Bedpan				
1 set	Commercially available soft restraints	Soft restraints (1 set/2 packages)			
		Spit hood 2 (1)			
1 each	Stethoscope adult and pediatric				
1 each	Aneroid sphygmomanometer in pediatric, adult and bariatric sizes	NiBP and Manual blood pressure cuffs - infant, child, adult, large			
1	Digital or mechanical means to test blood glucose level				
1 bottle (min 5)		Blood glucose strips			
		Earliest Expiration Date:			
1	Irrigation solution				

**Personal Protective Equipment** 

CISOIIC	ii i rotective Equipment				·
No. of Items	State of Oregon Requirement	MCEMS	Pass	Fail	Notes:
1 each	Non-latex disposable gloves	Small, Medium, Large, X-Large			
2+	Protective eyewear	1 per crew member			
	Disposable isolation gowns	6 (4)			
6	HEPA or N95 mask in provider appropriate sizes for each crew member	Hepa face masks, NIOSH approved N95 Small, Medium, Large 6 (4)			
6	Surgical masks	6 (4)			
2		Powered Air Purifying Respirator (PAPR) One (1) for each crew member			
1	Commercial antimicrobial hand cleanser				
1	Surface cleaning disinfectant				
1	Sharps container for the patient compartment				
1	Sharps container for each kit carrying needles				
	Infectious waste disposable bags				

#### **Medical Treatment Reference Guides**

No. of Items	State of Oregon Requirement	MCEMS	Pass	Fail	Notes:
	Copy of Treatment Protocols signed by supervising physician within the past year	Current copy of MCEMS Protocols			
	A quick reference guide or other reference material that provides appropriate guidance for pediatric drug dosing and equipment sizing	Pediatric Guide – current edition			
	**Storage and security of medications including controlled substances 333-250-0265 1(b)	Secured lock box for narcotics, if appropriate for agency			

<sup>\*\*</sup>Storage and security of medications including controlled substances if authorized by the EMS medical director that meet the requirements of the Oregon Board of Pharmacy in OAR chapter 855 and the US Drug Enforcement Administration found in 21 CFR 1301.75(b)

# **MULTNOMAH COUNTY INSPECTION FINDINGS and DISPOSITION**

Initial Inspe		table:					
	SS						
Ба	ite:						
Initial Inspe	ction NOT A	cceptal	ole:				
FA							
Deficiencies noted below							
Da	ite:						
Re-inspect	ion accepta	ble:					
☐ YE			¬ NO				
_ □ Da	te:			☐ Date:			
Copy of Gro	ound Ambul	ance In	spection Fo	rm to Orego	on Health Authorit	y office:	_
Date:	Time:	Sent by:			Mode:		
				☐ Electronic	Mail		
INSPECTIO	N COMPLET	ED BY:					
Name:			Date:	Time:	Location:		
							-
agency mus	st provide:		•		ating licensure wi		County, the
Copy of the Ambulance License issued by the Oregon Health Authority:							
• Com	pleted MCE	MS Aml	oulance Lice	ense applica	ation with applicat	ole fee:	
<ul> <li>Copy</li> </ul>	y of insuran	ce card	or certificat	te of insurar	nce:		
• Lice	nse fee(s) as	s requir	ed.				
Date Multno	omah Count	y tags d	elivered:				
Person Deli	vering Tags	:					
NOTES							