EMPG Allowable Equipment

To assist communities, MEMA has developed a condensed EMPG-allowable list of equipment using FEMA's Allowable Equipment List (AEL). As the MEMA-developed list is NOT the official FEMA list, it is recommended that applicants review FEMA's AEL to verify items are allowable under the EMPG and that the item's proposed use aligns with the AEL's <u>Description</u> and <u>Grant Notes</u> sections. If an equipment item is allowable under the EMPG, but identified as "not for routine use", please provide (within your application template) how the item(s) would be used for emergency management specific activities.

FEMA's Authorized Equipment List may be found on-line here: https://www.fema.gov/authorized-equipment-list

AEL Category	Allowable Equipment and AEL Number
[01] Personal Protective Equipment	• Apparatus, Self-contained Underwater Breathing (SCUBA)- 01WA-01-SCBA • Apparatus, Self-contained Underwater Breathing (SCUBA), Contaminated Water Diving - 01WA-01-SCBC • Bag Gear, Water Operations - 01WA-06-BAGG • Bag/Box, Ensemble Gear Storage - 01ZP-00-GBAG • Ballistic Helmet - 01LE-01-HLMT • Battery Pack - 01AR-03-PAPB • Body Armor - 01LE-01-ARMR • Boots, Diving - 01WA-03-BOOT • Boots, Protective, Tactical/Climbing - 01LE-02-BOOT • Boots/Booties, Diving, Contaminated Water - 01WA-05-BTES • Canister (CBRN, APR) - 01AR-02-APRC • Canister (PAPR) - 01AR-04-APAPC • Compensators, Buoyancy, Diving - 01WA-06-BCMP • Compressed Breathing Air Quality testing system - 01AR-07-QUAL • Footwear, Emergency Medical Covers - 01-EM-04-FTWC • Footwear, Medical Care Facility Covers - 01-EM-04-FTWF • Outer Footwear, Non-CBRNE Covers - 01ZA-02-FTWC • Dam, Neck, Diving - 01WA-03-NDAM • Eye/Face Protection, Emergency Medical, Multi-use Device - 01EM-01-EFPM • Eye/Face Protection, Emergency Medical, Single-use Device - 01EM-EFPS • Personal Flotation Device - 01WA-06-PFDS • Personal Flotation, Surface Water Operations Device 01SW-04-SPFD • Diving Weights 01WA-06-WGHT • Diving Climate Control System - 01WA-06-CLIM • Diving, Dry, Protective Contaminated Water Suit - 01WA-05-SUTD • Dry Diving Suit - 01WA-03-SUTD • Dry Surface Water Operations Protective Suit - 01SW-01-SUIT • Ensemble CBRN Protective, Technical Rescue Incidents - 01UC-01-ENSM • Ensemble Vapor-Protection, Technical Rescue Incidents - 01VF-01-ENSM • Ensemble, Law Enforcement CBRN Protective, (LERL-1) - 01CL-01-ENSM • Ensemble, Law Enforcement CBRN Protective, (LERL-2) - 01CL-02-ENSM • Ensemble, Law Enforcement CBRN Protective, (LERL-3) - 01CL-03-ENSM

- Ensemble, Law Enforcement CBRN Protective, (LERL-4) - 01CL-04-ENSM
- Ensemble, Liquid Splash-Protection Non-encapsulating - 01SP-01-ENSN
- Ensemble, Liquid, Splash-Protection, Encapsulating - 01SP-01-ENSE
- Ensemble, Protective, Proximity Fire Fighting w/optional CBRN Protections – 01LE-01-ENSM
- Ensemble, Protective, Structural Fire Fighting w/optional CBRN Protection - 01SC-01-ENSM
- Ensemble, Terrorism Incident Protective - 01CG-02-ENSM
- Ensemble, Terrorism Incident Protective - 01CB-03-ENSM
- Ensemble, Terrorism Incident Protective - 01CG-04-ENSM
- Ensemble, Vapor-Protection - 01VT-01-ENSM
- Equipment, Inflation Testing - 01VF-03-ITSF
- Equipment, Inflation Testing - 01VT-03-ITST
- Equipment, Respiratory Protection, Combination - 01AR-05-COMB
- Filter, Particulate - 01AR-06-FLTR
- Fins, Diving, Contaminated Water - 01WA-05-FINS
- Fins, Surface Water Operations - 01SW-04-FINS
- Fins, Swimming/Diving - 01WA-06-FINS
- Footwear, Liquid Splash-Protective - 01SP-02-FTWR
- Footwear, Protective, Proximity Fire Fighting - 01PF-01-FTWR
- Footwear, Rescue and Recovery Technical Rescue Incidents - 01UR-01-FTWR
- Footwear, Structural Fire Fighting Protection - 01SF-01-FTWR
- Footwear, Surface Water Operations Protective Dry Suit - 01SW-01-FTWR
- Footwear, Surface Water Operations Protective Ice Suit - 01SW-03-FTWR
- Footwear, Surface Water Operations Protective Wet Suit - 01SW-02-FTWR
- Footwear, Utility, Technical Rescue Incidents - 01UT-01-FTWR
- Footwear, Vapor-Protection - 01VT-02-FTWR
- Footwear, Vapor-Protective, w/optional Flash Fire Protection - 01VF-02-FTWR
- Garment, Emergency Medical Single-use - 01EM-02-GARS
- Garment, Emergency Medical, Multiple-use - 01EM-02-GARM
- Garment, Liquid Splash-Protective - 01SP-02-GRMT
- Garment, Protective, Proximity Fire Fighting - 01PF-01-GARM
- Garment, Protective, Structural Fire Fighting - 01SF-01-GRAM
- Garment, Rescue and Recovery Technical Rescue Incidents - 01UR-01-GARM
- Garment, Vapor-Protection - 01VT-02-GARM
- Garment/Vest/Device, Cooling - 01ZA-06-COOL
- Garments, Utility, Technical Rescue Incidents - 01UT-01-GARM
- Glove, Protective, Proximity Fire Fighting - 01PF-01-GLOV
- Gloves, Diving - 01WA-03-GLOV
- Gloves, Emergency Medical, Cleaning - 01EM-03-GLCL
- Gloves, Emergency Medical, Examination - 01EM-03-GLME
- Gloves, Emergency Medical, Work - 01EM-03-GLMW
- Gloves, Inner, Cotton - 01ZA-02-GLVI
- Gloves, Liquid Splash-Protective - 01SP-02-GLOVR
- Gloves, Outer, Disposable - 01ZA-02-GLVD
- Gloves, Outer, Work - 01ZA-02-GLVW
- Gloves, Protective, Abrasion/Puncture-Resistant - 01ZA-02-GLVA
- Gloves, Protective, Flame-Resistant - 01ZA-02-GLVF

- Gloves, Protective, Structural Fire Fighting - 01SF-01-GLOV
- Gloves, Rescue and Recovery Technical Rescue Incidents - 01UR-01-GLOV
- Gloves, Surface Water Operations Protective Dry Suit - 01SW-01-GLOV
- Gloves, Surface Water Operations Protective Ice Suit - 01SW-03-GLOV
- Gloves, Surface Water Operations Protective Wet Suit - 01SW-02-GLOV
- Gloves, Utility, Technical Rescue Incidents - 01UT-01-GLOV
- Gloves, Vapor-Protection - 01VT-02-GLOV
- Gloves/Mittens, Dry Suit, Diving, Contaminated Water - 01WA-05-GLOV
- Goggles, Rescue and Recovery Technical Rescue Incidents - 01UR-01-EYEP
- Goggles, Utility, Technical Rescue Incidents - 01UT-01-EYEP
- Hardhat - 01ZA-06-HHAT
- Harness, Diving - 01WA-06-HRNS
- Helmet, Protective, Proximity Fire Fighting - 01PF-01-HLMT
- Helmet, Protective, Structural Fire Fighting - 01SF-01-HLMT
- Helmet, Protective, Surface Water Operations - 01SW-04-HLMT
- Helmet, Rescue and Recovery Technical Rescue Incidents - 01UR-01-HLMT
- Helmet, Surface Supplied Air Diving -01WA-02-HLMT
- Helmet, Utility, Technical Rescue Incidents - 01UT-01-HLMT
- Hood, Diving - 01WA-03-HOOD
- Hood, Protective, Structural Fire Fighting - 01SF-01-HOOD
- Hydration System, Personal - 01ZA-06-HYDR
- Ice, Surface Water Operations Protective Suit - 01SW-03-SUIT
- Kits, Maintenance/Field Repair, Underwater Equipment - 01WA-06-MAIN
- Man Overboard Safety/Marine Personnel Tracking System - 01WA-06-OBRD
- Mask, Diving - 01WA-06-MASK
- Mask, Emergency Medical, Single-use - 01EM-01-MASK
- Padding, Protective - 01ZA-06-PRPD
- Padding, Protective, Tactical - 01LE-02-PRPD
- Personal Alert Safety System (PASS) - 01ZA-01-PASS
- Personnel Physiological Monitoring System - 01ZA-01-PPMS
- Protection, Eye - 01ZA-03-EYEP
- Protection, Hearing - 01ZA-04-HEAR
- Respirator, Air-Purifying, Full-face, tight-fitting, Negative Pressure - 01AR-02-APR
- Respirator, Escape, Air-purifying, Single-use (CBRN) - 01AR-04-APER
- Respirator, Escape, Air-purifying, Single-use, with CO options - 01AR-04-APER
- Respirator, Escape, Self-contained, Single-use - 01AR-04-SCER
- Respirator, Full-face piece, Closed-circuit, Self-contained/Re-Breather - 01AR-01-SCCC
- Respirator, Particulate, Disposable - 01AR-05-COMB
- Respirator, Particulate, Disposable - 01AR-06-DISP
- Respirator, Particulate, Reusable - 01AR-06-REUS
- Respirator, Powered, Air-purifying (PAPR) - 01AR-03-PAPA
- Respirator, supplies air - 01AR-01-SAR
- Retrofit/Upgrade kits - 01AR-01-SCBR
- SCBA, CBRN - 01AR-01-SCBA
- Shield, Ballistic, Protection against small arms - 01LE-01-SHLD
- Shroud, Protective, Proximity Fire Fighting - 01PF-01-SHRD
- Snorkel, Diving - 01WA-06-SNRK

	• Specialized Clothing - 01LE-02-BDUS • Surface Supplied Air, Diving System - 01WA-02-SAIR • Tape, Protective Garment Interface - 01ZA-06-TAPE • Tester, Mask Leak/Fit - 01AR-07-FTST • Tether, Diving, Contaminated Water Operations - 01WA-05-TTHR • Training Suit - 01CB-02-TRST (different material than 01CG-02-ENSM and 01CB-03-ENSM) • Training Suit - 01VF-03-TRST • Training Suit - 01VT-03-ITST • Undergarment, Dry Suit, Diving - 01WA-03-UNDR • Undergarment, Flame-Resistant - 01ZA-05-UNFR • Undergarment, Non-Flame-Resistant - 01ZA-05-UNDR • Undergarment, Surface Water Operations - 01SW-04-UNDR • Vest/Outer Garment, High-Visibility - 01ZA-06-VEST • Water Operations, Emergency backup Air Supply System - 01WA-01-BKUP • Wet, Diving Suit - 01WA-03-SUTW • Wet, Surface Water Operations Protective Suit - 01SW-02-SUIT
[04] Information Technology:	• Automatic Vehicle Locating (AVL) systems - 04AP-02-AVLS • Bar Code Reading and Printing Equipment - 04HW-02-BARC • Camera, Infrared (IR) - 04MD-01-IRED • Camera, still - 04MD-01-CMRA • Camera, underwater (still/video) - 04MD-01-UCAM • Camera, video - 04MD-01-VCAM • CBRNE/Commercial Chemical/Hazard software - 04AP-06-CBRN • Computer Aided Dispatch system - 04AP-01-CADS • Computer hardware, integrated - 04HW-01-INHW • Computer, Mobile data - 04HW-01-MOBL • Computing device, handheld - 04HW-01-HHCD • Credentialing system - 04AP-05-CRED • Equipment Tracking and Inventory software - 04AP-07-INVN • Geospatial data - 04AP003-GISD • Geospatial Information (GIS) system - 04AP-03-GISS • Global Positioning System (GPS) device - 04AP-02-DGPS • ICS systems and tools - 04AP-05-CDSS • IR Illumination equipment - 04MD-01-IRIL • Light Amplification equipment (night vision) - 04MD-01-LAMP • Meteorological station, portable - 04SN-01-PTMS • Network software - 04SW-04-NETW • Operational Space Visualization software - 04P-05-SVIS • Operations Area Personnel Tracking and Accountability system - 04AP-02-OAPT • Plume Modeling software - 04AP-06-PMOD • Public Notification and Warning systems - 04AP-09-ALRT • Radio Frequency Identification devices - 04HW-02-RFID • Risk Management software - 04AP-04-RISK • Simulators - 04AP-08-SIMS • Supervisory Control and Data Acquisition (SCADA) system - 04SW-05-SCAD • Traffic Modeling software - 04AP-06-TRAF • Transmission device, wireless, remote sensor - 04SN-01-XMIT • Video projector - 04MD-02-PROJ

	• Video display - 04MD-03-DISP
[05] Cyber Security Enhancement:	• Biometric User Authentication Device, 05AU-00-BIOM • Encryption software, 05EN-00-ECRP • Encryption, Data Transmission, 05EN-00-ETRN • Firewall, Network, 05NP-00-FWAL • Forensic software, 05HSA-00-FRNS • Intrusion detection/Prevention system, 05NP-00-IDPS • Malware Protection software, 05HS-00-MALW • Network Vulnerability Scanning Tools, 05NP-00-SCAN • Patch/Configuration Management system, 05PM-00-PTCH • Personal Firewall system, 05HS-00-PFWL • Remote Authentication System, 05AU-00-TOKN • Security Event/Incident Management System, 05NP-00-SEIM
[06] Interoperable Communications:	• 2-Way Text Messaging device, 06CC-02-2WAY • Accessories, Portable Radio, 06CP-03-PRAC • Amplifiers, Bi-directional, 06CP-03-BAMP • Antenna and Tower Systems, 06CP-03-TOWR • Bridge, Audio Teleconferencing, 06CP-05-BRAC • Bridge, Video Teleconferencing, 06CP-05-VCNB • Bridging/Patching/Gateway Equipment, 06CP-02-BRDG • Cable, Non-Radiation-Shielded Transmission, 06CP-03-NRSC • Data Service Access device, 06CC-02-DSAD • Exchange, Private Branch, Portable, 06CP-05-LPBX • Intercom, 06CP-03-ICOM • Network, Wide Area Digital, 06CP-04-WADN • Paging Services/Systems, 06CC-02-PAGE • Priority Services, Communications, 06CC-05-PRTY • Radio, Base, 06CP-01-BASE • Radio, High Frequency (HF) Single Sideband, 06CP-01-HFRQ • Radio, Microwave Link, 06CP-03-MWAV • Radio, Mobile, 06CP-01-MOBL • Radio, Portable, 06CP-01-PORT • Receivers, Voters, 06CP-01-VOTR • Repeaters, 06CP-01-REPT • Safe, GSA-Rated, 06CP-06-SAFE • Satellite Base Phone, 06CC-03-SATB • Satellite Mobile Phone, 06CC-03-SATM
[07] Detection:	• Air Sampling Equipment, 07RS-01-AFCB • Analysis, DNA/RNA Detection, 07BC-02-DNRN • Canines, Explosive Detecting, 07ED-01-DOGS • Detector, Explosive, Infrared Spectroscopy, 07ED-01-IRED • Detector, Explosive, Laser-Based, 07ED-01-LASR • Detector, Explosive, Laser-Based, Standoff, 07ED-04-LASR • Detector, Fixed Site, Chemical, 07CD-03-IRED • Detector, Flame Ionization (FID), Point, VOC, 07CD-01-DPFI • Detector, Flame Photometry, Point, Chemical Agent, 07CD-01-DPFP • Detector, Fourier Transform Infrared, Point, Chemical Agent, 07CD-01-FTIR • Detector, Gamma/Neutron, Standoff, 07RD-04-SGND

	- Detector, Gas Chromatograph/Mass Spectrometer, Chemical Agent, 07CD-02-DPGC - Detector, Infrared Spectroscopy, Point, Chemical Agent, 07CD-01-DPIR - Detector, Ion Mobility Spectrometry, Point, Chemical Agent, 07CD-01-DPSI - Detectors, Leak, 07SE-01-LEAK - Detector, Multi-sensor Meter, Point, Chemical, 07CD-01-DPMG - Detector, Optical, 07BD-01-OPDT - Detector, Photo-Ionization (PID), Point, Volatile Organic Chemical (VOC), 07CD-01-DPPI - Detector, Raman Spectroscopy, Point, Chemical Agent, 07CD-01-DPRS - Detector, Radionuclide, High-Sensitivity, 07RD-02-DRHS - Detector, Reactive Polymer, 07CD-01-POLY - Detector, Single Chemical Sensor, 07CD-01-MONO - Detector, Spectroscopic, Laboratory, Chemical Agent, 07CD-02-DLSP - Detector, Stand-Off, Chemical, 07CD-04-DCSO - Detector, Surface Acoustic Wave (SAW), Point, Chemical Agent, 07CD-01-DPSW - Dosimeter, Personal, 07RD-01-DOSP - Dosimeter, Personal, Electronic, 07RD-01-EPD - Detector, Radiation, Alarming, Personal (Gamma and Neutron), 07RD-01-PDGA - Dosimeter, Self-Reading, 07RD-01-DOSS - Environmental (Weather) Surveillance Equipment, 07SE-03-ENVS - Hazard Detection Equipment, Specialized, non-CBRNE, 07ZZ-00-NCBR - Identifier, Isotope, Radionuclide, 07RD-01-RIID - Kit, Air/Vapor Chemical Sampling, 07CS-01-KAVC - Kit, Biological Batch Sampling/Evidence Recovery, 07BS-01-KBBA - Kit, Biological Sampling/evidence – Automated Perimeter Sampling Systems, 07BS-03-KPAB - Kit, Colorimetric Tape/Tube/Chip, 07CD-01-KCTC - Kit, Chemical Agent Water Test, 07CD-01-KWTR - Kit, Chemical Classifying, 07CD-01-KLSV - Kit, Field Assay, 07BD-01-KFAS - Kit, Liquid Chemical Sampling, 07CS-01-KLCS - Kit, Mercury Test/Mercury Vapor Test, 07CD-01-KTHG - Kit, PCB Test, 07CD-01-KPCB - Kit, Protein Test, 07BD-01-PTST - Kit, M-256 (A1), 07CD-01-M256 - Kit, Solid Chemical Sampling, 07CS-01-KSCS - Meter, Survey, Handheld, 07RD-01-HHSM - Paper, Indicating, (M-8), 07CD-01-INPA - Portable, Explosive Detecting,07ED-03-PORT - Sampler, Biological, Portable Air, 07BS-01-KBPA - Sensor, Heat, Infrared, 07SE-01-IHTS - Strips, Classifier (pH, Waste Water, Chemical) 07CD-01-CLAS - Tape, Indicating (M-9), 07CD-01-INTP - Thermometer, Surface, 07SE-01-THMS - Trace Detector, Explosive, Handheld, 07ED-01-IMOB - Trace Explosive Detection System, 07ED-03-SWPE

[10] Power:	• Batteries, All Types, Sizes, 10BC-00-BATT • Battery Conditioners, 10PE-00-BCON • Cells, Fuel, 10BC-00-FCEL • Chargers, 10BC-00-SOLR • Electric Cord, Reels, 10PE-00-REEL • Generators, 10GE-00-GENR • Ground Fault Circuit Interruption (GFCI) Equipment, 10PE-00-GRCI • Inverters, 10PE-00-INVT • Power Conditioning Systems, 10PE-00-PCDS • Rectifiers, 10PE-00-RECT • Transfer Switch Power, 10PE-00-PTSW • Uninterruptible Power Supply (UPS), 10PE-00-UPS
[11] CBRNE Reference Materials:	• References, CBRNE, 11RE-00-RFCB • Databases, Reference, 11RE-00-RFDB • References, Field Expedient, 11RE-00-RFEX • Reference Materials, Non-CBRNE, 11RE-00-RFNC
[12] CBRNE Incident Response Vehicles:	• Trailer, Water/Source, 12TR-00-H2OT • Mover, Prime, for Equipment/Water Trailers, 12TR-00-MOVR • Trailer, Equipment, 12TR-00-TEQP • Vehicle, Mass Casualty Transport, 12VE-00-ABUS • Vehicle, Command, Mobile, 12VE-00-CMDV • Vehicle, Specialized Mission, CBRNE, 12VE-00-MISS • Vehicle, Specialized Emergency Management, 12VE-00-SPEC
[14] Physical Security Enhancement:	• IT Contingency Operations System, 14CI-00-COOP • Blast-Resistant Receptacles, Trash, 14EX-00-BCAN • Blast/Shock/Impact Resistant Systems, Building, 14EX-00-BSIR • Alarm Systems/Sensors, 14SW-01-ALRM • Doors and Gates, Impact Resistant, 14SW-01-DOOR • Fire Extinguisher Monitoring System, 14SW-01-EXTM • Lighting, Fixed Area, 14SW-01-LITE • Long Range Hailing and Warning Device, 14SW-01-LRHW • Physical Access Control System, 14SW-01-PACS • Personnel Identification Systems, 14SW-01-SIDP • Vehicle Identification Systems, 14SW-01-SIDV • Sensors/Alarms, System and Infrastructure Monitoring, Standalone, 14SW-01-SNSR • Video Assessment, Security, Systems, 14SW-01-VIDA • Barriers; Fences; Jersey Walls, 14SW-01-WALL • Hull Scanning Equipment, 14SW-02-HSCN • Radar Systems, 14SW-02-RADR • Sonar Systems, 14SW-02-SONR • Barriers, Vessel, 14SW-02-VBAR
[19] Logistical Support:	• Bags/ Packs, 19GN-00-BGPK • Compressors and Systems, Breathing Air, 19GN-00-COMP • Fan, Intrinsically Safe, Exhaust, 19GN-00-FANE • Fan, Cooling/Heating/Ventilation, 19GN-00-FANV • Fuel Storage Container, 19GN-00-FUEL • Water Distribution System, 19GN-00-H20D • Water Purification System, 19GN-00-H20P • Housing, Subsistence and Sanitation, 19GN-00-HSSF

	• Overpack, 19GN-00-OPCK • Refrigerator/Freezer, 19GN-00-RFGR • Temperature and Humidity Monitors/Recorders, 19GN-00-RFMN • Bulk Material Handling, 19MH-00-BULK • Cart, Field, 19MH-00-CART • Hazardous Material Shipping Containers, 19MH-00-CHMS • Containers, storage, 19MH-00-CONT • Portable Air Cylinder, 19MH-00-CPAC • Carts, Portable Compressed Gas Cylinder, 19MH-00-CPGC • Shelter, Rapid Deployment Systems, 19SS-00-SHEL • Environmental Control System, 19SS-00-SHEN • System, Collective Protective, 19SS-00-SHEP
[21] Other Authorized Equipment:	• Shelf Stable Ready to Eat Food Packs, 21CR-00-FOOD • Basic Medical Supply Kits, 21CR-00-MEDI • Emergency Water Rations, 21CR-00-WATR • Citizen Corps Equipment, 21GN-00-CCEQ • Consulting Services in Support of Equipment Acquisition, 21GN-00-CNST • Installation, 21GN-00-INST • Leasing of Space for Equipment Storage, 21GN-00-LEAS • HDER Maintenance, 21GN-00-MAIH • Maintenance, 21GN-00-MAIN • Equipment and Supplies, Information/Emergency Operations/Fusion Centers, 21GN-00-OCEQ • Shipping, 21GN-00-SHIP • Sales Tax, 21GN-00-STAX • Training, 21GN-00-TRNG • Programming for XML Compliance, 21GN-00-XMLP