

MOBILE FIREFIGHTING BREATHING AIR SUPPLY UNIT

DESCRIPTION	A mobile or trailered vehicle with the capability to fill breathing air cylinders by cascade system or air compressor, and carry additional Self Contained Breathing Apparatus (SCBA) cylinders.		
RESOURCE CATEGORY	Firefighting	RESOURCE KIND	Vehicle
OVERALL FUNCTION	Used to provide breathing air support for fire suppression, rescue, or other specialized functions using SCBA or supplied air systems	COMPOSITION AND ORDERING SPECIFICATIONS	<ol style="list-style-type: none"> 1. Logistics for deploying this team, such as security, lodging, transportation, meals, etc. are to be discussed prior to deployment of this resource 2. Crew can work up to 12 hours per shift, are self-sustained for 72 hours, and deployable for up to 14 days. 3. Specify breathing air system manufacturer to ensure compatibility when ordering

RESOURCE TYPES			TYPE 1	TYPE 2	TYPE 3	NO TYPE 4
COMPONENT	METRIC/ MEASURE	CAPABILITY				
Personnel	Per vehicle	Total	2	2	2	Not Applicable
			NOTES: None			
Personnel	Per vehicle	Support	Same as Type 3	Same as Type 3	1 NIMS Typed Fire Apparatus Driver, Type 1 1 NIMS Typed Firefighter, Type 2	Not Applicable
			NOTES: None			
Equipment	Per vehicle	Manufacture's requirements	Same as Type 3	Same as Type 3	NFPA 1901	Not Applicable
			NOTES: All fire apparatus shall conform to the laws and regulations of the United States and the home agency. Fire apparatus should conform to the applicable National Fire Protection Agency (NFPA) 1901 purchasing and operations standards. All vehicles should be reviewed periodically to evaluate their status in comparison to the updates in vehicle regulations and standards, and modifications made as necessary			
Equipment	Air compressor size	Not Specified	30 Cubic feet per minute (CFM) @ 5,000 pounds per square inch (PSI)	20 CFM @ 5,000 PSI	No compressor	Not Applicable
			NOTES: Air compressor will meet requirements of 29 Code of Federal Regulations (CFR) 1910.134 (i) (5)			
Equipment	Stored air	Not Specified	3,000 Cubic feet (CF) @ 5,000 PSI with 3 individual or banked storage vessels	2,000 CF @ 5,000 PSI with 2 individual or banked storage vessels	5,000 CF @ 6,000 PSI with 5 individual or banked storage vessels	Not Applicable
			NOTES: None			

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RESOURCE TYPES			TYPE 1	TYPE 2	TYPE 3	NO TYPE 4
COMPONENT	METRIC/ MEASURE	CAPABILITY				
Equipment	Fill stations	Not Specified	Same as Type 2	2	1	Not Applicable
			NOTES: Breathing air quality will be consistent with the requirements of NFPA 1989.			
Vehicle	Per vehicle	Not Specified	Same as Type 2	Motorized apparatus	Motorized apparatus or trailer mounted storage vessels	Not Applicable
			NOTES: None			

COMMENTS

Stored air capacity may be +/- 5%.

REFERENCES

1. United States Occupational Safety and Health Administration (OSHA) 29 Code of Federal Regulations (CFR) 1910.134 (i) Breathing Air Quality and Use
2. NFPA 1901: Standard for Automotive Fire Apparatus
3. NFPA 1911: Standard for the Inspection, Maintenance, Testing, and Retirement of In-Service Automotive Fire Apparatus
4. NFPA 1989: Standard on Breathing Air Quality for Emergency Services Respiratory Protection
5. NIMS 509-4 Fire Apparatus Driver
NOTE: This job title/position qualification is under development by the National Integration Center will be released for National Engagement and Public Comment prior to final release
6. NIMS 509-4 Firefighter
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NOTE

Nationally typed resources represent the minimum criteria for the associated component and capability

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