

CHARLES COUNTY VOLUNTEER FIREMEN'S ASSOCIATION

MINIMUM STANDARDS FOR RESCUE SQUADS

Current Companies with In Service Dates

RS2: 2012 RS3: 2007 RS7: 1998 RS8: 2007 RS10: 2013

COMPANY: _____ APPARATUS ID: _____

YEAR: _____ MAKE: _____ MODEL: _____

- _____ 1. Must be registered with Maryland Department of Transportation-Motor Vehicle Administration as an Emergency Vehicle.
- _____ 2. Chassis to be of suitable Gross Vehicle Weight; equipped with a 5 Ton body mounted winch and full reel of appropriate cable.
- _____ 3. One (1) 4 Ton portable winch capable of connecting to all sides of apparatus that doesn't have a mounted winch (upon replacement, if necessary)
- _____ 4. Minimum pump capacity of 100 Gallons per Minute
- _____ 5. Minimum 100 gallon water tank
- _____ 6. Minimum 100' booster line or greater
- _____ 7. Two-way mobile radio with all Charles County Fire/EMS frequencies in good operating condition
- _____ 8. Three (3) portable radios, with chargers and all Charles County Fire/EMS frequencies in good operation condition
- _____ 9. Cab-to-Body intercom system for walk in box apparatus
- _____ 10. Safety belts installed in crew cab and walk in box for all riding positions
- _____ 11. Batteries on apparatus must be fully charged at all times with clean and tight terminals in good condition
- _____ 12. Wiring in good condition
- _____ 13. Warning lights visible 360° around the apparatus
- _____ 14. Siren controls accessible to both driver and officer
- _____ 15. One (1) mounted spot light (hand-held, hard wired acceptable)
- _____ 16. One (1) Thermal Imaging Camera
- _____ 17. Minimum 100 Ton set of High Pressure Air Bags, assorted sizes
- _____ 18. Ladders (upon replacement):
 - _____ a. 24' extension
 - _____ b. 14' roof with hooks
 - _____ c. 10' folding (attic)
 - _____ d. 10' A-Frame
- _____ 19. Two (2) axes, one (1) to be pick-headed
- _____ 20. Two (2) pinch-point bars, one (1) to be minimum 60"
- _____ 21. One (1) crowbar
- _____ 22. Two (2) Haligan Bars
- _____ 23. Two (2) fully charged fire extinguishers:
 - _____ a. One (1) 15 lb. Carbon Dioxide
 - _____ b. One (1) 20 lb. Dry Chemical

APPROVALS:

Standards Committee: 12/17/2012

CCVFA Chiefs: 01/21/2013

CCVFA: 03/11/2013

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- _____ 24. Hand lights for all riding positions to be charged on a 12 volt system
- _____ 25. One (1) complete Self Contained Breathing Apparatus (SCBA) for each riding position
- _____ 26. One (1) compatible spare bottle for each SCBA carried (40 cubic foot minimum)
- _____ 27. One (1) RIT bag; SCBA cylinder with high pressure universal air connection, and mask
- _____ 28. Four (4) bottle cascade breathing air, minimum 232 cubic feet each
- _____ 29. Hooks:
 - _____ a. One (1) 3' hook with "D" handle
 - _____ b. One (1) 4' hook
 - _____ c. One (1) 6' hook
 - _____ d. One (1) 10' hook
- _____ 30. Shovels:
 - _____ a. One (1) flat head
 - _____ b. One (1) pointed
 - _____ c. Two (2) scoop
- _____ 31. Pneumatic Tool Kit:
 - _____ a. One (1) air chisel
 - _____ i. two (2) metal bits, two (2) masonry bits, two (2) assorted bits
 - _____ b. One (1) wizzer saw (side-cutter)
 - _____ c. One (1) ½" ratchet
 - _____ d. One (1) ½" impact gun
- _____ 32. One (1) pair of #2 bolt cutters (½" head)
- _____ 33. One (1) 4 lb. sledge hammer (steel)
- _____ 34. One (1) 10 lb. sledge hammer
- _____ 35. One (1) 10 Ton Hydraulic Jack
- _____ 36. One (1) 20 Ton Hydraulic Jack
- _____ 37. One (1) 10 Ton capacity porta-power, pump and ram
- _____ 38. One (1) 2 Ton come-a-long (cable or chain)
- _____ 39. One (1) 3 Ton chain come-a-long
- _____ 40. One (1) wire rope-type snatch block, with safety hook, to be compatible with vehicle winch capacity
- _____ 41. Hydraulic Rescue Tools:
 - _____ a. One (1) electric simo pump
 - _____ b. One (1) gas simo pump
 - _____ c. One (1) Spreader (doesn't include combo tool)
 - _____ d. One (1) Cutter (doesn't include combo tool)
 - _____ e. One (1) Combo Spreader/Cutter
 - _____ f. Four (4) assorted length rams

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- _____ 42. Cribbing (treated lumber or hardwood)
 - _____ a. 8-6 x 6, minimum 18" long
 - _____ b. 25-4 x 4, minimum 18" long
 - _____ c. 8-wedges cut from 4 x 4 material, minimum 12" long
 - _____ d. 10-2 x 6, minimum 18" long
 - _____ e. 10-2 x 4, minimum 18" long
 - _____ f. 4-1 x 4, minimum 18" long
 - _____ g. 4-step blocks
- _____ 43. Lighting/Electrical Equipment:
 - _____ a. One (1) 20 kilowatt on board generator, 115/230 volt
 - _____ b. Portable Generator(s); One (1) 2 Kw or Two (2) 1 Kw
 - _____ c. 200' #10/3 wire on reel, with locking L-5 type connectors
 - _____ d. 200' #12/3 wire on reel, with locking L-5 type connectors
 - _____ e. Two (2) 3 wire junction boxes, may be pre-connected to cords
 - _____ f. Two (2) pig-tails L-5 male to house female
 - _____ g. Two (2) pig-tails L-5 female to house male
 - _____ h. One (1) voltprobe
 - _____ i. Six (6) portable flood lights
 - _____ j. Six (6) exterior flood lights mounted on apparatus to cover 360° around
 - _____ k. Apparatus mounted light tower with a minimum of 3 scene lights
- _____ 44. Salvage Equipment:
 - _____ a. Four (4) salvage covers, minimum 12' x 12'
 - _____ b. One (1) broom
 - _____ c. One (1) mop
 - _____ d. One (1) squeegee
 - _____ e. One (1) water vacuum
 - _____ f. One (1) electrical submersible pump with compatible hose
 - _____ g. Two (2) metal debris buckets
 - _____ h. One (1) 30" roll of plastic, minimum 4 mil thickness
 - _____ i. Six (6) wood slats
 - _____ j. One (1) box of roofing nails
 - _____ k. Heavy duty staple gun with spare staples
- _____ 45. Medical Equipment:
 - _____ a. One (1) First Aid Kit
 - _____ b. One (1) bag valve mask
 - _____ c. Four (4) disposable blanket
 - _____ d. One (1) full "D" oxygen cylinder with regulator
 - _____ e. Six (6) disposable oxygen masks
 - _____ f. START Triage Kit
 - _____ g. AED
- _____ 46. Two (2) full backboards
- _____ 47. One (1) stokes basket with sling
- _____ 48. One (1) SKED stretcher

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- _____ 49. Rope Rescue Equipment:
 - _____ a. Four (4) Class III full body harnesses
 - _____ b. Two (2) 150' ½" kernmantle rope bags
 - _____ c. Two (2) 200' ½" kernmantle rope bags
 - _____ d. Two (2) 300' ½" kernmantle rope bags
 - _____ e. Six (6) single sheave pulleys capable of ½" rope (2 to be prussick minding)
 - _____ f. Two (2) double sheave prussick minding pulleys (1 with becket)
 - _____ g. Twelve (12) screw locking carabiners
 - _____ h. Four (4) rescue figure 8 plates with ears
 - _____ i. One (1) rigging brake bar rack
 - _____ j. Two (2) pieces of edge protection
 - _____ k. Twelve (12) prussicks (6-small and 6-large)
 - _____ l. Four (4) 10' pieces of 1" tubular webbing
 - _____ m. Four (4) 20' pieces of 1" tubular webbing
 - _____ n. Two (2) 30' pieces of 1" tubular webbing
 - _____ o. One (1) 200' large area search rope bag
- _____ 50. Chains:
 - _____ a. Minimum grade 8, 3/8" x 14' chain with hooks
 - _____ b. Minimum grade 8, 3/8" x 20' chain with hooks
- _____ 51. Saws:
 - _____ a. One (1) rescue saw with spare blades (K-12, etc.)
 - _____ b. One (1) chain saw, minimum 16" bar
 - _____ c. Two (2) reciprocating saws, One (1) electric and one (1) battery powered
 - _____ d. One (1) hand saw
 - _____ e. One (1) hacksaw, minimum 6 spare blades
- _____ 52. Tool Kit:
 - _____ a. One (1) claw hammer
 - _____ b. One (1) rubber hammer
 - _____ c. One (1) 8" crescent wrench
 - _____ d. One (1) 12" crescent wrench
 - _____ e. One (1) 10" channel lock pliers
 - _____ f. One (1) 6" slip joint pliers
 - _____ g. One (1) 7" vise grip pliers
 - _____ h. One (1) 6" needle nose pliers
 - _____ i. One (1) pair insulated side cutters, minimum 8"
 - _____ j. One (1) 3/8" drive socket wrench set with standard and metric size sockets
 - _____ k. One (1) allen wrench set
 - _____ l. Six (6) assorted screw drivers (3 each of flathead and Phillips head)

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- _____ 53. One (1) chimney kit:
 - _____ a. One (1) chain device or equivalent
 - _____ b. One (1) chimney mirror
 - _____ c. Two (2) pair of safety goggles
 - _____ d. Six (6) dry chemical bombs or chimney flares
- _____ 54. Hazardous Materials Equipment:
 - _____ a. One (1) 4 gas meter with atmospheric monitoring capabilities for:
 - _____ i. Lower Explosive Limit Percentage
 - _____ ii. Carbon Monoxide
 - _____ iii. Hydrogen Sulfide
 - _____ iv. Oxygen Percentage
 - _____ v. meter to be calibrated with Methane gas only
 - _____ b. One (1) Combustible Gas Indicator
 - _____ c. One (1) Radiation pager to monitor for dose/rate
 - _____ d. 20' clear tubing for 4 gas meter
 - _____ e. One (1) roll of pH paper
 - _____ f. One (1) 2 lb. non-sparking hammer
 - _____ g. 20 lbs. of absorbent
 - _____ h. One (1) tube of epoxy putty
- _____ 55. Water Rescue Equipment:
 - _____ a. Four (4) Ice/Cold water suits
 - _____ b. One (1) Type III PFD for each riding position (inflatables acceptable)
 - _____ c. Four (4) water rescue throw rope bags
 - _____ d. One (1) inflatable boat capable of holding 2 or more personnel
 - _____ i. Must be deployable within 5 minutes
 - _____ ii. Must be capable of being transported by only 2 personnel
 - _____ iii. Two (2) oars suitable for vessel
 - _____ e. One (1) 2 ½" Female NST hose connection with pneumatic adaptor
 - _____ f. One (1) 2 ½" Male NST hose blind cap
 - _____ g. Minimum of 50' of 2 ½" hose
- _____ 56. Two (2) 16" smoke ejectors with 20A L-5 connectors; One (1) 18" may be PPV Fan
- _____ 57. One (1) electric drill with assorted bits
- _____ 58. Two (2) rolls of duct tape
- _____ 59. One (1) 14" pipe wrench
- _____ 60. One (1) 24" pipe wrench
- _____ 61. Six (6) assorted pipe caps and plugs (1/8" to 2")
- _____ 62. Lock-Out/Tag-Out Kit:
 - _____ a. Minimum 3 keyed alike padlocks
 - _____ b. 1 lockout hasp
 - _____ c. Ten (10) Danger tags
- _____ 63. Vehicle Lock-Out Kit (ie. Big Easy or slim jims, etc.)
- _____ 64. Set of Two (2) Elevator Poles; minimum 6' each
- _____ 65. Set of Elevator Keys (minimum 4 assorted keys, one to be drop-down type)

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- _____ 66. One (1) gallon safety-type gas can for each fuel type carried (locking cap acceptable for pre-mixed cans)
- _____ 67. Four (4) Stabilization Struts/Jacks capable of safely stabilizing a vehicle on its roof/side with appropriate ratchet straps and adaptors per manufacturer's recommendations
- _____ 68. One (1) set of 2 wheel chocks
- _____ 69. Six (6) road flares or reflective triangles
- _____ 70. One (1) pair of binoculars
- _____ 71. One (1) current DOT Emergency Response Guidebook
- _____ 72. One (1) Charles County Road Map or Atlas
- _____ 73. One (1) Personnel Accountability Tag collector ring with unit ID
- _____ 74. Audible back-up alarm that is activated when the vehicle is placed in reverse
- _____ 75. Annual DOT Inspection Date: _____
- _____ 76. Upon "*purchase or major modification*" a Gross Vehicle Weight (GVW) test shall be performed by utilizing the method of weighing each axle individually, and then a GVW test with accompanying proof of completion.

GVW Rating _____ **Front Axle Rating** _____ **Rear Axle Rating** _____

Actual Totals-- GVW _____ **Front Axle** _____ **Rear Axle** _____

COMPANY MEMBER/RANK: _____

INSPECTED BY: _____
(Standards Committee Member)

DATE OF INSPECTION: _____ **APPROVED** _____

DISAPPROVED _____

EXCEPTIONS REQUESTED:

APPROVALS:

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