

	Queen Anne's County Fire & EMS Commission Operations Manual	No. 06.25
		Effective Date: October 1, 2020
	Squad Standard	Revised Date:

I. SCOPE

- A. This standard applies to all Queen Anne's County Fire Department's.

II. PURPOSE

- A. To establish standards for a Squad. A Squad will be alerted under the current "HT" standard. "HT" is a dispatch code utilized for selecting a piece of apparatus that has hydraulic rescue tools, capable of handling MVC's, minor hazmat incidents, and medical assists. A Squad will not replace a Rescue on suppression incidents.

III. RESPONSIBILITY

- A. All Queen Anne's County Fire Department's will be responsible for ensuring strict adherence to this standard.

IV. STANDARD

- A. A motorized piece of apparatus capable of carrying all required equipment. The Squad must be registered as an emergency vehicle with the Maryland Motor Vehicle Administration or its successors. This Squad must be qualified for acceptance by means of an acceptance test if new and a service test if used by the Standards Committee of the Fire and EMS Commission. The Squad must be in good operating condition and not loaded beyond the maximum allowable gross vehicle weight.
- B. All apparatus will have warning devices (lights, bells, whistles, sirens) in proper working order at all times.
- C. All Squads will have audible back up alarm.
- D. To be numbered with Squad and 1-ditit number.

- 1. Example (Squad 5)

	Queen Anne's County Fire & EMS Commission Operations Manual	No. 06.25
	Squad Standard	Effective Date: October 1, 2020 Revised Date:

1. One set of irons (Axe and Halligan).
2. Blankets: (4) cotton or wool.
3. Chain one (1) 10' 3/8 Grade 80. One (1) 20' 3/8 Grade 80.
4. Chisels; one (1) air chisel with 100' section hose with assorted spare chisel points and two (2) portable air cylinders (SCBA spare cylinders count), one (1) cold chisel set.
5. Cutting tools; bolt cutters, one (1) 24" large pair & one (1) 14" small pair.
6. Emergency care; one (1) first aid kit, one (1) long backboard, one (1) stokes basket with straps, fifty (50) triage tags, oxygen with liter flow.
7. Extinguishers; one (1) 20 lb. dry chemical, one (1) 20 lb. Co2 and one (1) 2.5-gallon water can.
8. Extrication tools; a hydraulic rescue powered tool system being either gas, electric, or battery powered. Consisting of one (1) spreader, one (1) cutter, two (2) rams. If using battery operated hydraulic tools must have one (1) spare battery for each tool. If carrying solely battery powered tools, must have an electrical (110 volt) back up system capable of running all battery powered tools, and/or a gas-powered hydraulic system. (See lines 27 and 30).
9. Fans one (1), explosion proof 16" or larger smoke ejector or positive pressure fan.
10. Forcible entry; one (1) hydraulic forcible entry tool, one (1) vehicle lock out kit.
11. Hazmat; one (1) plug kit, 80 lbs. of oil dry, four (4) sorbent dust bags, one (1) pair of binoculars and one (1) Emergency Response Guidebook (ERG).
12. Hooks; one (1) 6', and one (1) 8' NY hook or pike poles.
13. Impact gun; 1/2" drive battery or pneumatic, with 1/2" SAE and metric impact rated sockets (SAE 7/16 to 7/8, Metric 13-21).
14. Lifting equipment; one (1) 1/2 ton come-along, two (2) ten-ton bottle jacks manual or hydraulic, or one (1) ten-ton bottle jack and one (1) floor jack. Air bags; three (3) bags totaling 50 tons lifting capacity and assorted color hoses with proper control equipment.
15. Ladders; minimum one 10' fire service rated ladder.

	Queen Anne's County Fire & EMS Commission Operations Manual	No. 06.25
	Squad Standard	Effective Date: October 1, 2020 Revised Date:

16. Meter detection; minimum of (1) meter with four (4) gases or more.
17. Picks one (1) pointed and chisel type.
18. Ropes; minimum of three (3) 150' of 9000lb ½' static kern mantel construction. Six (6) carabiners minimum rating of 40kn, two (2) prusik minding pulleys, four (4) prusik cords, two (2) 1" tubular webbing 12' long and two (2) 1" tubular webbing 20' long.
19. Saws; one (1) rescue type circular saw assorted blades, one (1) chain saw, one (1) circular saw, one (1) small cut off saw, one (1) hacksaw, one (1) hand saw, one (1) reciprocating saw. Gas, oil, extra blades, extra chains, and batteries (if battery operated) for list of saws above.
20. SCBA; A minimum of four (4) positive pressure self-contained breathing apparatus, certified for 30 minutes or more of operation, with spare cylinder for each. All self-contained breathing apparatus must meet NFPA 1981 and 1982.
21. Shovel; one (1) long handled pointed shovel, one (1) long handled flat shovel, and one (1) scoop shovel.
22. Sledges; one (1) 10 lb. sledgehammer and one (1) non-sparking.
23. Small tools; one tool kit containing a 2 lb. hammer, a claw hammer, 8" crescent wrench, one (1) pair of tin snips, two (2) 8' or larger pipe wrench, one (1) pair of needle nose pliers, allen wrenches, 3/8" and ½" standard/metric socket set with regular and deep-well sockets, seat belt cutter, flat and Philips head screw drivers.
24. Stabilization; four (4) struts, four (4) step chocks, cribbing to include eight (8) 2x4, twelve (12) 4x4, eight (8) 6x6, four (4) sets of 4x4 wedges.
25. Water; minimum of four (4) PFD's, and one (1) throw bag of 50' rope.
26. Winch; one (1) five (5) ton portable or mounted.
27. Electrical; one (1) 8KW stationary or portable generator with 100' electrical line with one (1) 3-way electrical junction box with assorted pigtail adaptors.
28. Two (2) battery or electric portable lights, all electrical lights must have twist lock connectors.
29. (2) cord reels, one for each corded light, each reel will have a 100' minimum electrical line.
30. Line 27 only applies to a Squad carrying ALL battery powered hydraulic rescue equipment, and/or electrically powered portable lighting. At that point the generator will replace the need for a backup gas powered hydraulic system and will be utilized in the event of battery failure.

	Queen Anne's County Fire & EMS Commission Operations Manual	No. 06.25
		Effective Date: October 1, 2020
	Squad Standard	Revised Date:

31. Line 29 only applies if carrying electric powered portable lighting.
32. Misc; two (2) street brooms, four (4) portable hand lights with mounting brackets and chargers, eight (8) 30-minute road flares or (5) fluorescent orange traffic cones 28" high or greater, and one (1) roll of fire line tape.
33. One (1) two-way radio to meet county standards and a portable radio for each seat that contains an SCBA including the driver's seat.
34. Two (2) wheel chocks mounted in a readily accessible location.
35. QAC ADC map book and surrounding counties in which you respond, or an electronic GPS mapping device.

William H. Faust, Chairman
Queen Anne's County Fire & EMS Commission