

	Queen Anne's County Fire & EMS Commission Operations Manual	No. 06.21
	Hazardous Material Response Unit Standard	Effective Date: September 4, 2014 Revised Date: November 6, 2014

I. SCOPE

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

II. PURPOSE

- A. To establish a standard for a Hazardous Materials Response Unit.

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 Hazardous Material Response Unit shall be an enclosed unit used to store and transport materials for responses to incidents involving hydrocarbon spills and or hazardous materials. This unit shall be able to carry the equipment listed below without being overloaded. This unit shall meet DOT specifications and shall not exceed chassis manufacturer's GVW. This vehicle must be registered as an emergency vehicle and meet all codes of the Maryland Motor Vehicle Administration or its successors.
- B. The Minimum equipment to be carried on a Hazardous Material Response Unit shall be the equipment required to comply with a type III hazardous material team as listed in the FEMA Resource Typing Document.
- C. The personnel responding on the Hazardous Material Response Unit shall comply with the training and other operational requirements as listed in the FEMA Resource Typing Documents.
- D. To be numbered with Hazardous Material Response Unit and 1-digit number.
 - 1. Example; HMU 1

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E. Minimum equipment to be carried on Hazardous Material Response Unit.

1. Absorbent booms 320 feet (8 bales.)
2. Absorbent pads (normal size 15"x19") 1600 each (8 bales.)
3. Absorbent sweep (normal size 19"x100') 800 feet (8 bales.)
4. Absorbent dust (hydrophobic) 12 bags.
5. Oil-dry style granular absorbent 40 pounds.
6. Two street or course bristle brooms.
7. Forty each contractor plastic trash bags.
8. Two non-sparking or non-metallic scoop shovels.
9. One pound plug/patch paste.
10. One plug/wedge kit.
11. Twelve each MDE spill reports (blank.)
12. Six pairs of various sizes of gloves and boots resistant to hydrocarbons (not structural PPE.)
13. Twelve each of various sizes of Tyvek suits for clothing or PPE protection only.

F. Minimum equipment to be carried for pumping off of liquids.

1. An air source that can adequately supply continuous air supply to pump at least 275 gallons.
2. Air operated diaphragm pump 1" min, ports (Buna-n or PTFE diaphragms.)
3. 100ft (4-25 foot sections) of petroleum transfer hose that is wire reinforced and passes a monthly conductive test, with a Dixon valve or comparable cam lock fittings.
4. Two each 50 foot sections of air hose with quick couplers, must be adaptable to MDE.
5. Two 1" rigid pipe stingers (1-4ft and 1-7ft) with a Dixon or comparable cam lock fittings.
6. One 1" flexible wire reinforced suction hose (conductivity tested) with a Dixon or comparable cam lock fitting.
7. One drum fill valve with shutoff and with a Dixon or comparable cam lock fittings.
8. Air operated drill.
9. Four each 4" bi-metal hole saws.

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10. Two each hole saw mandrels.
11. Two each spare hole saw pilot bits.
12. Six each 4" test plugs (expansion plugs.)
13. Bonding and grounding equipment including:
 - a. Two each grounding rods.
 - b. Uninsulated cables 500 feet total in 50 feet, 75 feet and 100 feet sections on reels.
 - c. Grounding clamps.
14. Six each poly drums or 275 gallons minimum capacity.
15. Non-sparking drum wrench.
16. Drum dolly.

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